

10-3

FIRST FUNDAMENTAL BASIS
OF
PROF. FR'S. FAUVEL-GOURAUD'S
PHRENO-MNEMOTECHNIC PRINCIPLES,
CONSISTING IN A
Philosophical Decomposition of all the human languages in general, and of
THE ENGLISH LANGUAGE IN PARTICULAR
INTO
ARTICULATIONS AND SOUNDS.

FIRST FUNDAMENTAL BASIS.

ARTICULATIONS:

Primitive.	Se.	Te.	Ne.	Me.	Re.	Le.	She.	Ke.	Fe.	Pe.
Correlative.	Ze.	De.	..	..	..	..	Che.	Ghe.	Ve.	Be.
	Ce.	..	..	..	..	..	Je.	Zhe.	Que.*	Phe. ..
Numerical Equivalents.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.

SYNTHETIC FORMULA.

Satan may relish coffee pie.
se te ne me re le she ke fe pe

* and C before a, o, u, as in Cap, Coat, Cup, Cupid,
and CH hard, as in Character, Chorus, Catechumen.
or CHRYSALIS, CHRONOLOGY, CHRISTIAN.

Analysis of the First Fundamental Basis.

COMPOUND ARTICULATIONS:

Xe. Che. Je.

Xe—is sometimes a compound of **Ke** and **Se**, or of **Ke** and **She**

Che—partakes very slightly of **Te** and **She**, but not enough to be decomposed into two articulations.*

Je—also partakes very slightly of **De** and **Zhe** but not enough to be decomposed into two articulations.*

SIMPLE ENGLISH SOUNDS:

(Having no numerical value.)

A, E, I, O, U.

SEMI-ARTICULATED SOUNDS.

We. He. Ye.

EXCEPTIONS.

We with any sound is *null*, as in *wire*, *woman*, *wheat*, *when*, etc.

He with any sound is *null*, as in *house*, *home*, *humanity*, etc.

Ye with any sound is *null*, as in *you*, *your*, *yeoman*, *yoke*, etc.

ARGUMENT.—Nature of these letters,—reasons for the exception.

* See explanation at Rules 2, 9, and 10 of page 7.

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VII.

PHRENO-MNEMOTECHNIC ANALOGIES,

existing between the *alphabetical signs* of the articulations, or *letters*, and the *numerical equivalents*, or *figures*.

s— or se,	is the first articulation of the word <i>Cipher</i> ,	• • •	0
t— or te,	is written with <i>one</i> single <i>stroke</i> , like No. I,	• • •	1
n— or ne,	is written with <i>two strokes</i> , like the Roman No. II.,	• •	2
m— or me,	is written with <i>three strokes</i> , like the Roman No. III.,	• •	3
r— or re,	is the fourth letter of word <i>four</i> , wh' h also cont' ns 4 letters,	4	
l— or le,	in the Roman numeration is 50, (L) which No. contains 5,	5	
ch— or che,	the analogy is between the <i>form</i> of the letter C and figure,	6	
k— or ke,	the analogy is between the <i>form</i> of a <i>key</i> and the figure,	7	
f— or fe,	is made, in hand-writing, (f) like an elongated 8,	•	8
p— or pe,	is precisely like an inverted 9,	• • •	9

ARGUMENT.—Impressibility of these analogies, although incomplete in some cases. Demonstration by practical and immediate application.

VIII.

NOMENCLATURE OF THE LEFT HAND.**FIRST TURN.**

Auricular,	—	—	—	—	1
Annular,	—	—	—	—	2
Medium,	—	—	—	—	3
Index,	—	—	—	—	4
Thumb,	—	—	—	—	5

SECOND TURN.

Auricular,	—	—	—	—	6
Annular,	—	—	—	—	7
Medium,	—	—	—	—	8
Index,	—	—	—	—	9
Thumb,	—	—	—	—	10

ZERO, constantly with the foot.

ARGUMENT.—Demonstration, by practical application, of the Phreno-Mnemotechnic utility of this nomenclature.

IX.

GENERAL AND FUNDAMENTAL RULES.

1—A, E, I, O, U, W, H, Y, have no numerical value.

2—X is always resolved into *two articulations*: sometimes it is into *ke* and *se*, as in OXYGEN, or EXAMPLE, which must be translated *ke, se, ge, ne*, or 7062; and *ke, se, me, pe, le*, or 70395. And sometimes it is resolved into the articulations *ke, she*, as in LUXURY and ANXIously, which are pronounced *le, ke, she, re*, or 5764; and *ne, ke, she, se, le*, or 27605. ~~IL~~ But in words beginning with X, as in Xenophon, Xanthippus, &c., it retains only one articulation, which is *ze*. Xenophon is pronounced in English as Zenophon, *ze, ne, fe, ne*, or 0282.

3—The connectives, *and, or, in, of, for, an, the, to, at, on, as, than, from, with, though, by*, are never translated, where found in any formula. The same rule is extended to the three words, *is, was, has*, (of the verbs TO BE and TO HAVE,) which words are null in every case.

4—S, after an apostrophe in the *possessive case*, is never translated; thus, GOD'S LAW is simply *ghe, de, le*, or 715; MAN'S DUTY, *me, ne, de, te*, or 3211; &c.—The same rule is extended to S on the *third person singular* of verbs; thus, TIME FLIES, must be translated *te, me, fe, le*, or 1385; MAN RUNS, *me, ne, re, ne*, or 3242; &c.

5—TH, although similar in pronunciation to SE, in the beginning or at the end of words, such as THINK, FAITH, BIRTH, &c., or to ZE, as in Logarithms, although, &c., keeps, however, constantly the value of *te* or 1. Thus, THICK is *te, ke*, or 17; FAITH, *fe, te*, or 81; BIRTH, *be, re, te*, or 941; LOGARITHMS, *le, ghe, re, te, me, se*, or 574130; and ALTHOUGH, *le, te*, or 51.

6—In all words where **TWO IDENTICAL LETTERS** come together, such as in matter, pepper, correlative, &c., the two articulations are always counted as a *single articulation*: thus, MATTER

is translated, *me, te, re*, or 314; PEP-
PER, *pe, pe, re*, or 994; CORRELATIVE,
ke, re, le, te, ve, or 74518; and the
same where the two articulations are
nn, mm, bb, dd, &c., &c.

7—N. B. But if the two similar letters are pronounced with two distinct sounds to the ear, such as in SUGGEST, where the first G is sounded like *ghe* (sug.), and the second like *je* (jest), or as in ACCIDENT, where the first C is sounded like *ke* (ac), and the second like *s, (ce)*, then the double letter in such cases will always equal *two distinct articulations*. Thus, SUGGEST, and ACCIDENT, with all their derivations, will be translated, the first by *se, ghe, je, se, te*, or 07601; and the second by *ke, se, de, ne, te*, or 70121.

8—~~IL~~ The same rule is applied to compound words having two similar letters separated by a hyphen; thus, MAP-PAINTER will give *me, pe, -pe, ne, te, re*, or 39-9214; BOOK-KEEPER, *be, ke, -ke, pe, re*, or 97-794. The application of this rule will be still more obvious in SHIP-BUILDER, MAP-BINDER, &c., which give for the first, *she, pe, -be, le, de, re*, or 69-9514; and for the second *me, pe, -be, ne, de, re*, or 39,-9214, &c.

9—TCH, in all words, as *watchman, match, Dutch, &c.*, is always translated as a *simple articulation* for *che*, and not *te, che*; for *ch*, or the articulation *che*, absorbs totally, in this case, the articulation or letter *te*;—thus, WATCHMAN will give *che, me, ne*, or 632; MATCH, *me, che*, or 36; DUTCH, *de, che*, or 16, &c.

10—~~IL~~ DG, falls of course naturally under the same rule, as in WEDGE, EDGE, or JUDGE, which will give, the first *je* simply, or 6; the second *je* simply, or 6; and the third, *je, je*, or 66; for DE is the correlative of TE; and GE soft, or *je*, the correlative of CHE.

11—When the articulations or letters C, S, and Z, sound to the ear like SHE, or

ZHE, such as in OCEAN, ASSOCIATE, ASIA, ISSUE, SUGAR, &c., or MEASURE, HOSIER, AZURE, &c., which are pronounced exactly as if they were written, *oshean, assiate, Ashia, ishue, shugar, meazhure, hozhier, azhure*, &c., in this case C, S, and Z will always be translated as SHE, or ZHE; thus OCEAN will give she, ne, or 62; ASSOCIATE, se, she, te, or 061; ASIA, she, or 6; ISSUE, she, or 6; SUGAR, she, ghe, re, or 674, &c.; and MEASURE, me, zhe, re, or 364; HOZIER, zhe, re, or 64; AZURE, zhe, re, or 64, &c.

12—T, before IA, IE, IO, IU, (when the accent is not upon it, and it is not preceded by S,) becomes also equivalent to articulation SHE; thus, SATIATE gives se, she, te, or 061; PATIENCE, pe, she, ne, se, or 9620; RATIO, re, she, or 46; CYMATIUM, se, me, she, me, or 0363.

13—~~If~~ When the accent is upon the T, it

retains its natural sound, though followed by the same letters as above; thus SATIETY, gives se, te, te, or 011. Whenever T is preceded by S the accent is generally upon it, and its natural sound maintained; thus, CHRIST-IAN gives ke, re, se, te, ne, or 74012; BEST-IAL, be, se, te, le, or 9015.

14—Finally, T before U retains also constantly its natural value, although it seems to partake, in a small degree, of the nature of articulation che. Thus, NATURE, gives ne, te, re, or 214; OBITUARY, be, te, re, or 914; MATURITY, me, te, re, te, or 3141, &c.

N. B. DE, being the correlative of TE, the same rule applies to it when before I and U; although it seems to partake also somewhat the sound of GE. Thus, VERDURE gives ve, re, de, re, or 8414; SOLDIER, se, le, de, re, or 0514; INDIAN, ne, de, ne, or 212, &c.

AD LIBITUM EXCEPTIONS.

A—~~If~~ N before G, in the syllable ING, as in SINGING, DANCING, MINGLING, &c., must not be translated. Thus, in SINGING we will have se, ghe, ghe, or 077, instead of se, NE, ghe, NE, ghe, or 02727. DANCING will give de, ne, se, ghe, or 1207, instead of de, ne, se, NE, ghe, or 12027; and in MINGLING we will find me, ghe, le, ghe, or 3757, instead of me, NE, ghe, le, NE, ghe, or 327527.

~~If~~ N. B. In words where the N and G are separated by the syllabic division, as in GINGER, which gives je, ne, je, re, or 6264, the rule of course is not applicable.

ARGUMENT: reasons, and importance of the preceding rule. *

B—~~If~~ In ALL words ENDING by s, i, o, n, or t, i, o, n, as in mission, partition, evasion, attention, corrosion, &c., the final articulation NE must not be trans-

lated, and the SION or TION will invariably be equivalent to SHE or 6. Thus, MISION will give me, she, or 36, instead of me, she, NE, or 362; PETITION, pe, te, she, or 916, instead of pe, te, she, NE, or 9162; EVASION, ve, zhe, or 86, instead of ve. zhe, NE, or 862; ATTENTION, te, ne, she, or 126, instead of te, ne, she, NE, or 1262; CORROSION, ke, re, zhe, or 746, instead of ke, re, zhe, NE, or 7462, &c.

ARGUMENT: reasons and importance of the foregoing rule. *

C—~~If~~ N. B. But the student must remember, that this rule is applicable only to words ENDING by *tion*, or *sion*, and that to the syllables *tion* or *sion* found in the middle or at the beginning of words, the rule is not applicable; thus, MISIONARY must be translated me, she, NE, re, or 3624; PETITIONER, pe, te, she, NE, re, or 91624, &c.

N. B.—The Student will find at the end of the Phreno-Mnemotechnic Dictionary a Supplement containing all the words belonging to the *first part* of the Dictionary which are under those ad libitum rules. * The reasons of these two rules has been to bring down to the series of *four articulation* words a great many words belonging to the *five articulation* series, and which are very seldom used, as there are very few dates or facts having five figures.

X.

HOME EXERCISES.

 Translate the following words into figures.

0.—Satisfactory, - - - -	5.—Lilliputian, - - - -
1.—Te-totaler, - - - -	6.—Chipachet, - - - -
2.—Nonagesimal, - - - -	7.—Quick-silver, - - - -
3.—Marmora sea, - - - -	8.—Fair-fifer, - - - -
4.—Rarity, rare, - - - -	9.—Peripatetic, - - - -
0.—Zozimus, - - - -	7.—King Agag, - - - -
1.—Dodecahedron, - - - -	8.—Vivificator, - - - -
6.—Ginger, - - - -	9.—Bombardment, - - - -

RULE 2.

- 10.—Oxygen.
- 11.—Example.
- 12.—Luxury.
- 13.—Anxiously.

RULE 4.

- 14.—God's Law.
- 15.—Man's duty.
- 16.—Time flies.
- 17.—Man runs.

RULE 5.

- 18.—Think.
- 19.—Faith.
- 20.—Broth.
- 21.—Logarithms.

RULE 6.

- 22.—Matter.
- 23.—Pepper.
- 24.—Correlative.
- 25.—Mummy.

RULE 7.

- 26.—Suggest.
- 27.—Accident.
- 28.—Success.
- 29.—Accept.

RULE 8.

- 30.—Map-painter.
- 31.—Book-keeper.
- 32.—Ship-builder.
- 33.—Map-binder.

RULE 9.

- 34.—Watchman.
- 35.—Match.
- 36.—Dutch.
- 37.—Catcher.

RULE 10.

- 38.—Wedge.
- 39.—Pledge.
- 40.—Judge.
- 41.—Hedge.

RULE 11

- 42.—Ocean.
- 43.—Associate.
- 44.—Azure.
- 45.—Measure.

RULE 12.

- 46.—Satiate.
- 47.—Patience.
- 48.—Ratio.
- 49.—Cymatium.

RULE 13.

- 50.—Satiety.
- 51.—Christian.
- 52.—Bestial.
- 53.—Christianity.

RULE 14.

- 54.—Nature.
- 55.—Obituary.
- 56.—Maturity.
- 57.—Picture.

AD-LIBITUM EXCEPTIONS.

RULE A.

- 58.—Singing.
- 59.—Dancing.
- 60.—Mingling.
- 61.—Jingling.

RULE B.

- 62.—Mission.
- 63.—Petition.
- 64.—Evasion.
- 65.—Attention.

RULE C.

- 66.—Missionary.
- 67.—Petitioned.
- 68.—Conditional.
- 69.—Petitioner.

FEINAGLE'S SYSTEM.

1	2	3	4	5	6	7	8	9	0
a,	e,	i,	o,	u,	b,	c,	d,	f,	g.
h,	k,	l,	n,	n,	p	q	r,	s,	t.
v,	x,	..	..	..	..	..	..	y,	z.

DR. GRAY'S SYSTEM.

1	2	3	4	5	6	7	8	9	0
a,	e,	i,	o,	u,	ao,	oi,	oo,	ou,	ai.

Impracticability of Feinagle's System Demonstrated.

Universal Deluge, . . . DELkiod.
Deluge of Ogyges, . . . DELacpo.
Deluge of Deucalion, . . . DELvuzi.
Passage of the Red Sea, REDSEAvoya.
Death of Abraham, ABRAHAMadea.
Birth of Moses, . . . MOSES vuca.
Death of Newton, NEWTONaceqdu.

NOMENCLATURES.

Edward II asc'ds the throne, Efkaltz.
Edmund II " " " EDxetap.
Edred " " " EDyob.
Edwin " " " EDzun.

STATISTICS, ETC.,

Lat. and L. of Washington, . . . WASHidukeg.
Poss. pop. of Jup, . . . JUPOpqzunmylosaligy.
Sun's Surface, . . . SUNSURfixigercuziracz.

Impracticability of Gray's System Demonstrated.

Universal Deluge, . . . DELdiok.
Deluge of Ogyges, . . . DELboiso.
Deluge of Deucalion, . . . DELbuzi.
Passage of the Red Sea, REDSEAafna.
Death of Abraham, ABRAHAMakeb.
Birth of Moses, . . . MOSESavoloib.
Death of Newton, NEWTONbodoiky.

NOMENCLATURES.

Edward II asc'ds the throne, Eddataip.
Edmund II " " " Eddazas.
Edred, " " " EDnoz.
Edwin, " " " EDnuvol.

STATISTICS, ETC.

Lat. and L. of Washington, . . . WASHikudufpoizafu.
Poss. pop. of Jup. . . . JUPOpoizulonifoubipou.
Sun's surface, . . . SUNSURdaizikoinztkapoi.

The Ratio according to Dr. Gray's Improvements.

CIRCUMtafalnedao takno inidikfaoda ofitoote poulaidookfanpasnainoutoilazucdainponfoloudizoikasozaodoosezoonouksekitokdutodaboi-zaopoukbokaikaovetekitaisaofoizoutoofosainulzukdetapeviloufaikadoofooze!

Translation of Words in page 7.

(FOR REFERENCE IN HOME EXERCISES IN CASES OF DOUBT.)

0—0108714. **1**—11154. **2**—226035. **3**—34340. **4**—44144. **5**—55962.
6—6961. **7**—770584. **8**—84884. **9**—949117. **0**—0030. **1**—117142.
6—6264. **7**—7777. **8**—888714. **9**—93941321. **10**—7062. **11**—70395.
12—5764. **13**—27605. **14**—715. **15**—3211. **16**—1385. **17**—3242.
18—127. **19**—81. **20**—941. **21**—574130. **22**—314. **23**—994.
24—74518. **25**—33. **26**—07601. **27**—70121. **28**—0700. **29**—7091.
30—399214. **31**—97794. **32**—699514. **33**—399214. **34**—632.
35—36. **36**—16. **37**—764. **38**—6. **39**—956. **40**—66. **41**—6.
42—62. **43**—061. **44**—64. **45**—364. **46**—061. **47**—9620. **48**—46.
49—0363. **50**—011. **51**—74012. **52**—9015. **53**—740121. **54**—214.
55—914. **56**—3141. **57**—9714. **58**—077. **59**—1207. **60**—3757.
61—6757. **62**—36. **63**—916. **64**—86. **65**—126. **66**—3624.
67—91621. **68**—721625. **69**—91624.

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System.
TO

HISTORICAL DATES.

Death of Abraham,	- - - - -	B. C. 1821
Invention of letters by Egyptian Memnon,	- - - - -	1821
Deluge of Ogyges,	- - - - -	1764
Passage of the Red Sea—Israel enters the Desert,	- - - - -	1491
The Israelites cross the Jordan and enter the Holy Land,	- - - - -	1451
Argonautic expedition,	- - - - -	1263
Destruction of Troy,	- - - - -	1184
Kingdom of Assyria ends,	- - - - -	900
Rome founded,	- - - - -	752
Rape of the Sabines,	- - - - -	750
Cyrus puts an end to the first captivity,	- - - - -	536
Pisistratus usurps the tyranny of Athens,	- - - - -	560
Laws of Solon,	- - - - -	594
Institution of the Saturnalia, by the Romans,	- - - - -	497
Battle of Marathon—Greeks <i>v.</i> Persians,	- - - - -	490
First proposition of the Agrarian law, by Cassius,	- - - - -	485
Aristides the Just banished from Athens,	- - - - -	484
Battle of Thermopylæ—Greeks <i>v.</i> Persians,	- - - - -	480
The Metonic Cycle begins,	- - - - -	432
Retreat of the ten thousand,	- - - - -	401
Battle of the Granicus—Alexander <i>v.</i> Persia,	- - - - -	334
Papirius Cursor erects the first sun-dial at Rome,	- - - - -	293
Regulus defeated by the Carthaginians,	- - - - -	256
First Divorce at Rome,	- - - - -	231
First Physician at Rome,	- - - - -	219
Second Punic War,	- - - - -	218
Battle of Zama—Hannibal defeated by Scipio Africanus,	- - - - -	202
Invention of Paper in China,	- - - - -	170
First Library erected at Rome,	- - - - -	167
Sylla plunders the city of Athens and slaughters its inhabitants,	- - - - -	86
Cæsar makes of the Gauls a Roman province,	- - - - -	51
Cato kills himself at Utica,	- - - - -	46
Second Triumvirate—between Octavius, Antony, and Lepidus,	- - - - -	43
Death of Cleopatra and Antony,	- - - - -	30
Second shutting up of the Temple of Janus,	- - - - -	29
Ovidius banished by Augustus,	- - - - -	20

APPLICATION OF
Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO

SACRED CHRONOLOGY.

Covenant of God with Abraham,	B. C. 1921
Isaac offered in sacrifice,	1871
Marriage of Isaac and Rebecca,	1856
Esau sells his birth-right for a mess of pottage,	1816
Joseph made Prime Minister of Egypt,	1715
Joseph's brethren go down to Egypt,	1707
Birth of Moses in Egypt,	1571
Law given at Mt. Sinai,	1491
Tabernacle set up in the wilderness,	1490
Moses sends twelve spies into Canaan,	1489
Balaam's ass speaks and reproves his master,	1451
Ruth follows Naomi to Bethlehem,	1312
Boaz marries Ruth,	1312
Jephthah sacrifices his daughter,	1187
Birth of Samson,	1155
Samson kills 1000 Philistines with the jaw-bone,	1136
Samson carries off the gates of Gaza,	1124
David kills Goliath with his sling,	1067
Great Pestilence sent upon Israel,	1017
Solomon's judgment upon the child,	1013
Temple dedicated by Solomon,	1004
Glorious reign of Jehoshophat king of Judah,	914
Jehu exterminates the family of Ahab,	884
Jonah swallowed by a whale,	807
Hezekiah destroys the Brazen Serpent,	726
Miracle of the Sun-dial,---Hezekiah's life prolonged,	713
The Pious Josiah begins to reign,	641
The three Holy Children saved from the fiery furnace,	580
Nebuchadnezzar loses his reason,	569
Daniel cast into the lions' den,	537
Darius repudiates Vashti and marries Esther,	518
Second Temple dedicated,	515
Esther saves the Jews from a general slaughter,	510
Feast of Purim instituted by the Jews,	510
Septuagint version of the Bible by order of Ptolemy Philadelphus,	277
Christian Era commences,	A. M. 4004

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
 TO
 HISTORICAL DATES.
 (BY ISOLATED FORMULAS.)

1 8 2 1 **After his death Abraham went gloriously to repose in the bosom of Divinity.**
 de, ve, ne, te,

1 8 2 1 **The invention of letters by the Egyptian Memnon, may justly be considered as a Divine idea.**
 de, ve, ne, de,

1 7 6 4 **The Deluge of Ogyges was probably the result of some very Thick shower.**
 te, ke, she, re,

1 4 9 1 **At the passage of the Red Sea, the armies of Pharaoh met their death in a Watery bed.**
 te, re, be, de,

1 4 5 1 **After crossing the Jordan under Joshua, the Israelites entered a land by no means one of Sterility.**
 te, re, le, te,

1 2 6 3 **The Argonautic expedition was undertaken for the adventurous purpose of obtaining a Hidden gem.**
 de, ne, je, me,

1 1 8 4 **The destruction of Troy was completed by the raging flames of a Hot wood fire.**
 te, de, fe, re,

9 0 0 **The Kingdom of Assyria came to an end for having had its foundations laid upon a weak Basis.**
 be, se, se,

7 5 2 **Rome was founded, according to the Roman historians, by a felonious Colony.**
 ke, le, ne

7 5 0 **The rape of the Sabines was an event that now-a-days would send its perpetrators to the Gallows.**
 ghe, le, se,

5 3 6 **Cyrus in putting an end to the first captivity accomplished, without his own knowledge, a Holy mission.**
 le, me, she,

5 6 0 **Pisistratus after usurping the tyranny of Athens found a free people could not be gov'd with Lashes.**
 le, she, se,

5 9 4 **The Laws of Solon would not likely be suitable to the black colonists of Liberia.**
 le, be, re,

4 9 7 **The institution of the Saturnalia was to the Roman slave-holders a most severe allegorical Rebuke.**
 re, be, ke,

4 9 0 **At the Battle of Marathon many a brave Greek in the arms of death went forever to Repose.**
 re, pe, se,

4 8 5 **The first proposition of the Agrarian Law (by Cäsarius) met in the Roman Senate a terrible Rival.**
 re, ve, le,

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4 8 4 ↗ *Aristides the Just, being banished from Athens, was compelled to fly away like a miserable Rover.*

re, ve, re,

4 8 0 ↗ *At the battle of Thermopylæ, Leonidas being summoned to surrender did peremptorily Refuse.*

re, fe, ze,

4 3 2 ↗ *The Metonic Cycle was an invention that gave to the motions of the moon some order and Harmony.*

re, me, ne,

3 3 4 ↗ *The battle of the Granicus is one of the greatest events ever recorded in the temple of Memory.*

me, me, re,

4 0 1 ↗ *During the retreat of the 10,000, the Greeks did not often sleep upon inlaid beds of Rose-wood.*

re, ze, de,

2 9 3 ↗ *Papirius Cursor in erecting the first sun-dial at Rome saw the first hour ever marked by a Sun-beam.*

ne, be, me,

2 5 6 ↗ *Regulus defeated by the Carthaginians suffered a death which in the history of man has no Analogy.*

ne, le, je,

2 3 1 ↗ *The first divorce at Rome, (however strange it may appear,) was not the result of matrimonial Enmity.*

ne, me, te,

2 1 9 ↗ *The first physician at Rome, had probably more gravity about him than a Windy boy.*

ne, be, de,

2 1 8 ↗ *The second Punic War being declared, Hannibal carried it into Italy to the amazement of every Native.*

ne, te, ve,

2 0 2 ↗ *The battle of Zama was fought upon an African shore where was never exhibited a Snowy scene.*

ne, se, ne,

1 7 0 ↗ *Before the invention of paper in China, they used to write upon thin boards coated with White wax.*

te, ke, se,

1 6 7 ↗ *The first library erected at Rome soon diffused a great taste for learning and Teaching.*

te, che, ghe,

0 8 6 ↗ *Sylla plunders Athens and slaughters its inhabitants with the ferocity of an unfeeling Savage.*

se, ve, je,

0 5 1 ↗ *The day that Cæsar made of the Gauls a Roman province, was marked by the Romans as a Holyday.*

le, de,

0 4 6 ↗ *Cato kills himself at Utica in a paroxysm of Rage.*

re, je,

0 4 3 ↗ *The second Triumvirate was in reality the grave-yard in which were buried the liberties of Rome.*

re, me,

0 3 0 ↗ *The tragic death of Cleopatra and Antony has been the theme of many a poetical Muse.*

me, ze,

0 2 9 ↗ *At the second shutting of the temple of Janus, the God of war could at last take a Nap.*

ne, pe,

0 2 0 ↗ *Ovidius was banished by Augustus in punishment of his amatory Sins.*

se, ne, se,

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
TO
SACRED CHRONOLOGY.

(BY ISOLATED FORMULAS.)

1 9 2 1 ↗ Abraham's Covenant with God was an act of which
re, pe, ne, te, he never had any occasion to . . . REPENT.

1 8 7 1 ↗ The offering up of Isaac in sacrifice, was a strong
le, ve, ghe, de, demonstration of Abraham's . . . LOVE of GOD.

1 8 5 6 ↗ The marriage of Isaac and Rebecca, made them ac-
ne, fe, le, she, cording to scripture language . . . ONE FLESH

1 8 1 6 ↗ The Mess of pottage which Esau received for sell-
re, fe, de, she, ing his birth-right, proved at last a very TOUGH DISH.

1 7 1 5 ↗ Joseph's being made prime minister of Egypt, was for
re, ke, te, le, his previous sufferings a rich . . . REQUITAL.

1 7 0 7 ↗ The Brothers of Joseph went down to Egypt after corn,
be, ghe, se, ke, each carrying with him for that purpose a BIG SACK.

1 5 7 1 ↗ Moses soon after his birth was saved from destruc-
de, le, ke, te, tion by a princess fair and . . . DELICATE.

1 4 9 1 ↗ The Law given at Mt. Sinai makes us acquainted
te, re, be, te, with almost every divine . . . ATTRIBUTE.

1 4 9 0 ↗ The Tabernacle, after being set up in the wilderness,
re, re, pe, se, was preserved by the Jews as a very RARE PIECE.

1 4 8 9 ↗ The Twelve Spies brought a false report which proved
de, re, fe, be, to them in the end a very . . . DEAR FIB.

1 4 5 1 ↗ Balaam's ass, in reproving his master, must have
de, re, le, de, seemed to him to have a very . . . DROLL HEAD.

1 3 1 2 ↗ Ruth, both in following Naomi to Bethlehem, and in
te, me, de, ne, marrying Boaz, appears as a very SWEET MAIDEN.

1 1 8 7 ↗ Jephthah's daughter was sacrificed in consequence of
ke, de, ve, ghe, her father's rash and . . . WICKED VOWING.

1 1 5 5 ↗ Samson at his birth little dreamed of the fate that
te, de, le, le, awaited him from the wiles of the WITTY DELILAH.

1 1 3 6 ↗ Samson, in killing 1,000 Philistines with the jaw-bone,
te, te, me, che, showed them they had to deal with a STOUT MATCH.

1 1 2 4 ⚡ The gates of Gaza, when carried off by Samson, passed
te, te, ne, re, into the hands of a very STOUT OWNER.

1 0 6 7 ⚡ David in killing Goliath with his sling, must have
de, ze, she, ke, given him a rather DIZZY SHOCK.

1 0 1 7 ⚡ The great Pestilence sent upon Israel undoubtedly put
fe, se, te, ghe, an end to all joyous FEASTING.

1 0 1 3 ⚡ Solomon's judgment upon the child, certainly mani-
te, ze, de, me, fested the HEIGHT of WISDOM.

1 0 0 4 ⚡ Solomon dedicated the temple by solemnly invoking
pe, se, se, re, the Almighty to become its divine POSSESSOR.

0 9 1 4 ⚡ The glorious reign of Jehoshaphat did the greatest
se, pe, te, re, honor to the Jewish SCEPTRE.

8 8 4 ⚡ Jehu in exterminating the family of Ahab, showed
fe, ve, re, them not the least particle of FAVOR.

8 0 7 ⚡ Jonah, after being swallowed by the whale, had upon
fe, se, ke, him the effect of a powerful PHYSIC.

7 2 6 ⚡ Hezekiah destroyed the brazen serpent of Moses, that it
ke, ne, she, might no longer be worshiped by his WEAK NATION.

0 7 1 3 ⚡ The miracle of the Sun-dial was to Hezekiah a pledge
se, ke, te, me, of his recovery from a tedious SICK-TIME.

6 4 1 ⚡ Josiah's pious reign caused no other regret to his sub-
she, re, te, jects than that of appearing rather SHORT.

5 8 0 ⚡ The three holy children were saved from the fiery furnace
le, ve, se, without having any insurance on their precious LIVES.

0 5 6 9 ⚡ Nebuchadnezzar, after losing his reason, ate grass
se, le, she, pe, during seven years, like a SILLY SHEEP.

5 3 7 ⚡ The lions, into whose den Daniel was cast, were
le, me, ke. rendered by the angel as impotent as a LAME COW.

0 5 1 8 ⚡ Darius married Esther and repudiated Vashti, after
se, le, te, fe, finding the latter to be rather a SLIGHTY WIFE.

5 1 5 ⚡ The second Temple at its dedication must have appear-
le, te, le, ed compared with the first, extremely LITTLE.

5 1 0 ⚡ Esther, in saving the Jews from a general slaughter,
le, de, se, surpassed in heroism all other Hebrew LADIES.

5 1 0 ⚡ The Feast of Purim, instituted by the Jews, was one
le, te, se, which in our language signifies the feast of LOTS.

0 2 7 7 ⚡ The Septuagint version of the old Testament was read
se, ne, ghe, ghe, by the Jews of Egypt, wherever they had a SYNAGOGUE.

4 0 0 4 ⚡ The Christian Era commenced at a time when the
re, se, se, re, whole world was enjoying a RECESS of WAR

APPLICATION OF
Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
 TO
MATHEMATICAL PROBLEMS,
 ILLUSTRATING THE
RATIO OF THE DIAMETER TO THE CIRCUMFERENCE OF THE CIRCLE,
With 154 Decimals.

Division by
Decades.

Homophonic
Equivalents.

(BY NOMENCLATURED SERIES.)

1 a *Hero* is seldom heard saying to an indifferent sweetheart:
My deary Dolly, be no chilly!

2 a *Wand* however magical, could not equal this tender prayer;
My love, I beg ye be my nymph!

3 a *Tooth* is an ornament of the mouth, which pleases more a fair woman than:
Rich honey charms and moves a man.

4 a *Tree* is seldom so large or so high as:
A Cupola seen off... far and deep.

5 a *Fort* is a guarded place which cannot easily be taken with:
A Cottage bamboo, a poem, or a glee.

6 a *Fife* is an instrument whose music is less pleasing to a child than:
A Tassel vain or sappy grape.

7 a *Sexton* is seldom called upon to bury:
A Rare Albino, musky and fat.

8 a *Savannah* . . . is a first rate location to build a city like:
Jersey, Geneva, Genoa, or Seva.

9 *Hate* is a feeling often indulged in by:
A Boy or peevish knave somehow rough.

10 a *Den* however deep and dark, is of the infernal regions:
A Copy faint though rough and savage.

11 an *Elephant* . . . is an animal seldom trusted to the care of:
A Old woman, a fine miss, or a showy Jew.

12 a *12 Pounder* . . . is a warlike instrument, which in time of war:
A Heroic Sepoy may fire where he chooses.

13 the *13th Guest* . at our Saviour's table, was condemned with:
An Able, wholesale, and heavy unanimity.

14 *Fortune* is a divinity not easily overtaken by:
A Hackney lame or lubbers' feet.

15 a *Fife of tin*, . would be so worthless an instrument that to destroy it would be:
No very heavy sin.

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO THE

Ratio of the Diameter to the Circumference of the Circle,

WITH 154 DECIMALS.

—0—

3	—	1	4	1	5	9	2	6	5	3	5	8	9	7	9	3	2	3	8	4	6
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
2	6	4	3	3	8	3	2	7	9	5	0	2	8	8	4	1	9	7	1	6	
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
9	3	9	9	3	7	5	1	0	5	8	2	0	9	7	4	9	4	4	5	9	
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	
2	3	0	7	8	1	6	4	0	6	2	8	6	2	0	8	9	9	8	6	2	
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	
8	0	3	4	8	2	5	3	4	2	1	1	7	0	6	7	9	8	2	1	4	
85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	
8	0	8	6	5	1	3	2	8	2	3	0	6	6	4	7	0	9	3	8	4	
106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	
4	6	0	9	5	5	0	5	8	2	2	3	1	7	2	5	3	5	9	4	0	
127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	
8	1	2	8	4	8	0	2														
148	149	150	151	152	153	154	155														

MEMORANDA.

—0—
FIRST.

Remember---what I have said concerning the *first* figures of certain ancient dates which *appear* to have, in the Phreno-Mnemotechnic *word*, several thousand years more than the real dates expressed by the figures.

SECOND.

Recollect---the rule laid down in regard to modern dates, of which the Phreno-Mnemotechnic *word* *appears* to contain one thousand years *less* than expressed by the figure.

THIRD.

Bear in Mind---the principle concerning the mnemonization of dates not far *before* or *after* the birth of Christ.

FOURTH.

Don't Forget---the distinction established as regards Phreno-Mnemotechnic *words* having a *zero* at the beginning.

APPLICATION OF
Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
 TO
 MISCELLANEOUS FACTS.

LATITUDES AND LONGITUDES OF SOME CAPITALS.

Alexandria,	<i>Egypt,</i>	31. N.—30. E.
Constantinople,	<i>Turkey,</i>	41. N.—28. E.
Dresden,	<i>Saxony,</i>	51. N.—13. E.
Madrid,	<i>Spain,</i>	40. N.—03. E.
Pekin,	<i>China,</i>	39. N.—116. E.
Rome,	<i>Italy,</i>	41. N.—12. E.
Paris,	<i>France,</i>	48. N.—02. W.
St. Petersburg,	<i>Russia,</i>	59. N.—30. E.
London,	<i>England,</i>	51. N.—00.
Washington,	<i>United States,</i>	38. N.—77. W.
Rio Janeiro,	<i>Brazil,</i>	22. S.—43. W.

GREATEST ELEVATIONS.

From the level of the sea.		Feet
	Mount Dawalagiry, in Asia—Thibet, Himalayas,	24,769
	Mount Chimborazo, in America—Quito, Andes,	20,190
	Mount-Blanc, in Europe—Switzerland, Alps,	14,806
	Mount Geesh, in Africa—Abyssinia,	14,122
	The great Pyramid of Cheops—Cairo, Egypt,	456
	Cascade of Gaverny—Pyrenees, France,	1,264
	Gay-Lussac's Aerostatic ascension, in 1804—Paris,	21,474
	Brioschi's Aerostatic ascension, in 1808, at Milan—Italy,	25,444
	Cupola of St. Peter's at Rome,	406
	The farm of Antisana, near Quito, Columbia,	13,500
	The Colossal Bronze statue of St. Chas. Boromeo, at Arona,	111

SPECIFIC GRAVITIES.

Gold—cast—water being as 1.	19,258
Lead—cast do.	11,351
Iron—cast do.	7,207
Sulphuric acid do.	1,840
Acetic ether do.	0,865
Absolute alcohol do.	0,794
Alder tree do.	0,800
French box do.	0,912
Steam—air being as 1,	0,622
Chloride of Silicium do.	5,940
Ammoniacal gas do.	0,595

APPLICATION OF
Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
 TO A SELECTION OF A FEW
LATITUDES AND LONGITUDES,
 OF THE MOST IMPORTANT CAPITALS OF THE GLOBE.
 (By *Defining* Formulas and HOMOPHONIC ANALOGIES.)

Alexander the Great . . . is a hero whose fame has often been sung by
 ALEXANDRIA. many a **Mighty Muse.**

The Emp. Constantine, is a monarch who would have left a purer name
 CONSTANTINOALE. . . . if he had not murdered his **Worthy nephew.**

A Dressed Dean . . . is one who puts on his richest garments to of-
 DRESDEN. ficiate within the Cathedral's **Hallowed dome.**

A Long dun . . . is a continual calling upon a bad debtor to
 LONDON. whom fortune has refused success and **Wealth.**

A Mad writ . . . is an unjust *capias* by which a passionate judge
 MADRID. obliges a poor man to bail in a **Serious sum.**

A Big Inn is a large hotel where customers do not gen-
 PEKIN. erally meet at table an **Empty dish.**

A Parish is a clerical district some of which are en-
 PARIS. dowed, as in England, with a **colossal Revenue.**

Rum is a liquor which generally gives to the voice
 ROME. of those using it a rather **Hard tone.**

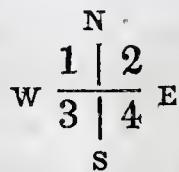
St. Peter sober . . . was a saint who never drank at any time more
 ST. PETERSBURGH. than a **Holy Abbe at mass.**

General Washington . . is a hero whose fame will ever soar over the
 WASHINGTON. world with an indefatigable **Moving wing.**

A Real Joiner . . . is an expeditious mechanic who could fix in a
 RIO JANEIRO. short time the windows of **Any new room.**

ARGUMENT.—Homophonic Analogies—their extreme impressibility on the mind—their infallibility and phreno-mnemotechnic importance—kinds of facts to the mnemonization of which they are most applicable: 1st. Latitudes and longitudes. 2d. Specific Gravities. 3d. Altitudes of mountains, monuments, &c. 4th. Battles and treaties of peace, &c. 5th. Foundation and extinction of cities, &c. 6th. Names of men and places, &c. How to use *homophonic analogies* for names of men—Homo-physiognomic analogies—Abercrombie's opinion on this subject.

CONSTRUCTION OF FORMULAS.—1st. In the case of Latitudes and Longitudes: uniformity of decimals. 2d. In the case of Specific Gravities, the same rule observed.—How to ascertain the *region*, in longitude, in case of any doubt.



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APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO A SELECTION OF THE

GREATEST ELEVATIONS ON THE GLOBE'S SURFACE,

NATURAL AND ARTIFICIAL.

(By *Defining* Formulas and HOMOPHONIC ANALOGIES.)

—o—

Mount Blanc, - - - The MOUNTEBANKS of *Europe* could not make
Switzerland, Europe. a living if they always wore an *Austere visage.*

Dawalagiry, - - - A DOWERY LARGE, in *Asia*, is always sure to
Thibet, Asia. draw the attention of some *Sneering chap.*

Geesh, - - - - The GEESE of *Africa*, are so fat that they can-
Abyssinia, Africa. not waddle about quicker than a *Tired nun.*

Chimborazo, - - - The CHAMBER RAZORS of *America* go over the
Quito, America. face as smoothly as - *Honey-sweet poesy.*

Pyramid of Cheops, A PYRAMID OF CHOPS would be a sight which
Cairo, Egypt. many a glutton would heartily - *Relish.*

Cascade of Gaverny, A CASCADING CAVERN is a location that could
Pyrennees, France. not be occupied without some - *Danger.*

Gay-Lussac's, A GAY-OR-LOOSE SAXON is one who is ready
Ascension, 1804. to play upon us at any time some *New trickery.*

Brioschi's An EMBRYO CHEESE is a very little cheese,
Ascension, 1808. which would appear *Null to a rare hero.*

Cupola of St. Peter's, St. PETER'S CAP, to judge from the Pope's ti-
At Rome. ara, must have had a form like a *Horse-shoe.*

Farm of Antisana, - A FARMER of ANTISANA thinks less than a yan-
 kee farmer does about his *Sweet molasses.*

Statue of St. Charles The STATUTES of St. C. B. if he had left any
Boromeo, would have been the most remk'ble ever *Edited.*

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APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO A SELECTION OF A FEW

SPECIFIC GRAVITIES.

(By *Defining* Formulas and Homophonic Analogies.)

A Gilded Coat is an *ceremonial court dress*, never worn by
Gold Cast. people who live on a **TWO-PENNY LOAF.**

A Lady's Coat is a *petticoat*, the only dress worn in South
Lead Cast. America by many a **TIDY MULATTO.**

An Iron Coat is an *iron coat of mail*, whose weight to
Iron Cast. modern soldiers would be quite **AGONIZING.**

A Suffering Alcides is an *old Athlete* who sees his strength
Sulphuric Acid. making with him a final **DIVORCE.**

An Ascetic Esther is a *pious nun*, who scrupulously observes
Acetic Ether. every appointed fast and **VIGIL.**

An Absolute School is a *school* in which boys are prevented by
Absolute Alcohol. the rod from cutting a **CAPER.**

Esteem is a man's noblest possession, provided it
Steam. be really **GENUINE.**

A Colored Silesian is one of a race of people represented as
Chloride of Silicium. being very steady and **LABORIOUS.**

A Monachal Gauze is a *Bishop's surplice*, worn by every priest
Ammoniacal Gas. within the altar's **HOLY PALE.**

An Alderman is one who in every city corporation bears
Alder-tree. one of its most important **OFFICES.**

A French Boxer is usually a *poor pugilist*, who is always
French Box. sure to be regularly **BEATEN.**

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LATITUDES AND LONGITUDES

OF

SOME OF THE PRINCIPAL CITIES OF THE UNITED STATES AND CANADA.

The Longitudes are from Greenwich.		Lat.	Reg.	Lon.	Reg.
Albany, . . .	<i>New York, . . .</i>	42	N.	73	W.
Augusta, . . .	<i>Maine, . . .</i>	44	N.	69	W.
Annapolis, . . .	<i>Maryland, . . .</i>	39	N.	76	W.
Baltimore, . . .	<i>Maryland, . . .</i>	39	N.	76	W.
Bangor, . . .	<i>Maine, . . .</i>	44	N.	69	W.
Boston, . . .	<i>Massachusetts, . .</i>	42	N.	71	W.
Buffalo, . . .	<i>New York, . .</i>	42	N.	79	W.
Cape Cod,* . . .	<i>Massachusetts, . .</i>	42	N.	70	W.
Charleston, . . ,	<i>South Carolina, .</i>	32	N.	80	W.
Cincinnati, . . .	<i>Ohio, . . .</i>	39	N.	84	W.
Concord, . . .	<i>Maine, . . .</i>	43	N.	71	W.
Columbus, . . .	<i>Ohio, . . .</i>	39	N.	83	W.
Dover, . . .	<i>Delaware, . . .</i>	39	N.	75	W.
Detroit, . . .	<i>Michigan, . . .</i>	42	N.	83	W.
Frederickton,* . .	<i>New Brunswick,</i>	46	N.	66	W.
Hartford, . . .	<i>Connecticut, . . .</i>	41	N.	73	W.
Indianapolis, . .	<i>Indiana, . . .</i>	39	N.	86	W.
Jackson, . . .	<i>Mississippi, . . .</i>	32	N.	90	W.
Jefferson, . . .	<i>Missouri, . . .</i>	38	N.	92	W.
Key West, . . .	<i>Florida, . . .</i>	24	N.	83	W.
Kingston, . . .	<i>Upper Canada, . .</i>	44	N.	76	W.
Louisville, . . .	<i>Kentucky, . . .</i>	38	N.	85	W.
Little Rock, . . .	<i>Arkansas, . . .</i>	34	N.	92	W.
Mobile, . . .	<i>Alabama, . . .</i>	30	N.	88	W.
Montreal, . . .	<i>Lower Canada, . .</i>	46	N.	73	W.
New Bedford, . . .	<i>Massachusetts, . .</i>	41	N.	70	W.
New Haven, . .	<i>Connecticut, . .</i>	41	N.	73	W.
New Orleans, . . .	<i>Louisiana, . . .</i>	29	N.	90	W.
New York, . . .	<i>New York, . . .</i>	40	N.	74	W.
Philadelphia, . . .	<i>Pennsylvania, . .</i>	39	N.	75	W.
Plymouth, . . .	<i>Massachusetts, . .</i>	41	N.	70	W.
Providence, . . .	<i>Rhode Island, . .</i>	41	N.	71	W.
Portland, . . .	<i>Maine, . . .</i>	43	N.	70	W.
Quebec, . . .	<i>Lower Canada, . .</i>	46	N.	71	W.
Richmond, . . .	<i>Virginia, . . .</i>	37	N.	77	W.
St. Louis, . . .	<i>Missouri, . . .</i>	38	N.	89	W.
Savannah, . . .	<i>Georgia, . . .</i>	32	N.	81	W.
Toronto, . . .	<i>Upper Canada, . .</i>	43	N.	79	W.
Washington, . .	<i>District of Columbia,</i>	38	N.	77	W.

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
TO

LATITUDES AND LONGITUDES

OF THE PRINCIPAL CITIES AND LOCALITIES OF THE UNITED STATES AND CANADA

(By *Defining* Formulas and Homophonic Analogies.)

<i>An Old penny</i> . . .	is often the only wealth of the unfortunate Indian in his . . .	Rainy Wigwam.
<i>The Emperor Augustus</i> . . .	would never have subdued the Roman Republic if he had not been a	Rare Chap.
<i>A Napoleonist</i> . . .	is generally a brave man who holds in decided contempt any . . .	Humbuggy Show.
<i>A Pale tumor</i> . . .	is a disease which frequently compels those afflicted with it to rest on a	Hempy Cushion.
<i>A Bank of ore</i> . . .	if it is of gold, will contain enough of the precious metal to supply many a	Rare Shop.
<i>A Boss of ton</i> . . .	is a dandy tailor who does not like to dress himself in a . . .	Worn Coat.
<i>A Buffalo</i> . . .	is an animal that runs a little faster on the western prairies than would a	Runaway Cab.
<i>A Charles-down.</i> . . .	is Charles Xth of France, who in 1830 did not find in his favor a . . .	Human Voice.
<i>Cincinnatus</i> . . .	is a great dictator who left much more glory behind him than a mere	Hemp Weaver.
<i>A Concordat.</i> . . .	is a canonical treaty, the most remarkable of which is that made between	Rome and God.
<i>Christopher Columbus</i> . . .	is a great man whose fame will unquestionably last longer than a . . .	Hempy Fume.
<i>A Dove</i> . . .	is a bird the name of which is more poetical than those of . . .	May-bug or Owl.
<i>A Dear trout</i> . . .	is a favorite fish which is usually best caught when the weather is . . .	Rainy or Fumy.
<i>President Jefferson</i> . . .	was rich enough to present to his wife a splendid	Muff or Piano.
<i>A Hard fort.</i> . . .	would not easily be taken by an army of babies suffering with the . . .	Red-Gum.
<i>An Indian police</i> . . .	would be a very poor officer to employ in the case of a dangerous	Mob or evasion.
INDIANAPOLIS.		

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General Jackson is a Statesman whose political principles are founded upon a universal Money base.
 JACKSON.

A Gay Vest is a kind of dress which is usually worn by many heroes of Narrow fame.
 KEY-WEST.

A Louis civil is Louis the XIVth, whose politeness ought to be imitated by many a Miffy fellow.
 LOUISVILLE.

A Little Rock however small it may be, is always harder but never so succulent as a Marrowy-bone.
 LITTLE ROCK.

Mobility is a quality which is the characteristic of the tongue of many an Amusive wife.
 MOBILE.

A New Orleans is the Count of Paris, for whom Louis Philippe buys now and then a New baby-house.
 NEW ORLEANS.

A New Oak is a young tree which could not make such handsome furniture as a Rosy Hickory.
 NEW YORK.

A Fellow deified is a demi-god, who in the ancient mythology is most generally a Humbug wholly.
 PHILADELPHIA.

A Plain mouth is one that unhesitatingly utters the whole truth when engaged in any Worthy cause.
 PLYMOUTH.

Divine Providence is a Deity which painters never represent dressed in a Red coat.
 PROVIDENCE.

A Sporting land is a gaming country where hunters are often seen running about after an Army of Geese.
 PORTLAND.

A Rich mount is one which produces more precious minerals and vegetables than Mica or Cocoa.
 RICHMOND.

A St. Louis is Louis IX. of France, who would not have been canonized had he been a Miffy fop.
 ST. LOUIS.

A Savannah is a fine prairie that is wandered over by a great many Human feet.
 SAVANNAH.

A New Heaven is the happy place reserved for those who have played through life a Worthy game.
 NEW HAVEN.

Gen. Washington is a hero whose fame will ever soar higher and higher on its Moving wing.
 WASHINGTON.

A Kingdom is a government the downfall of which a republican always sees with Roaring joy.
 KINGSTON.

A Queer Baker is a jocose fellow who sometimes dresses his wit and good humor in an Irish coat.
 QUEBEC.

A Mount Royal is Mt. Olympus, having the royal palace of Jupiter built upon its Rich acme.
 MONTREAL.

A Dorado is a fish infinitely more savory, when well cooked, than a Raw Magpie.
 TORONTO.

A SELECTION OF A FEW
COMPARATIVE VELOCITIES.

Velocity of Light—in <i>miles</i> , per second of time,	192,00
Velocity of the Comet of 1843—in <i>miles</i> , per second,	312
Velocity of Sound, in <i>feet</i> , per second,	1,142
Sideral motion of the planet Mercury, in <i>miles</i> , per second,	30
Sideral motion of the Earth, in <i>miles</i> , per second,	19
Velocity of a 24 pounder shot—in <i>feet</i> , first second,	1,301
Velocity of an English race horse, per second, in <i>feet</i> ,	42
Velocity of a grey hound, pure race, in <i>feet</i> , per second,	87
Velocity of the royal eagle, per <i>minute</i> , in <i>feet</i> ,	5,624
Velocity of the fastest sailing vessel, in <i>feet</i> , per second,	19
Euchidas, soldier of Platæa, ran in one day— <i>miles</i> ,	114

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO A SELECTION OF A FEW

COMPARATIVE VELOCITIES.

(BY ISOLATED FORMULAS.)

Light is at the head of those natural elements which are to men of such **Deep necessity.**

The Comet of 1843, while near the Sun, must have been moving through a very hot **Medium.**

Mercury's velocity is such that should it strike another planet it would cause a most dreadful **Muss.**

The Earth moves with a velocity of which that of a race horse would be a very imperfect **Type.**

A 24 pounder shot, were it not for the power of gravity, would continue its course through space, until **Doomsday.**

Sound has given birth to a theory (that of vibrating undulations), which from the altar of science will never be **Withdrawn.**

A Race Horse is by far the very best locomotive that can be used in a hasty **Run.**

The Greyhound is the species of dog which among hares and rabbits perpetrates the greatest **Havoc.**

The Royal Eagle is always viewed with joy at the head of his marching armies by any zealous **Legionary.**

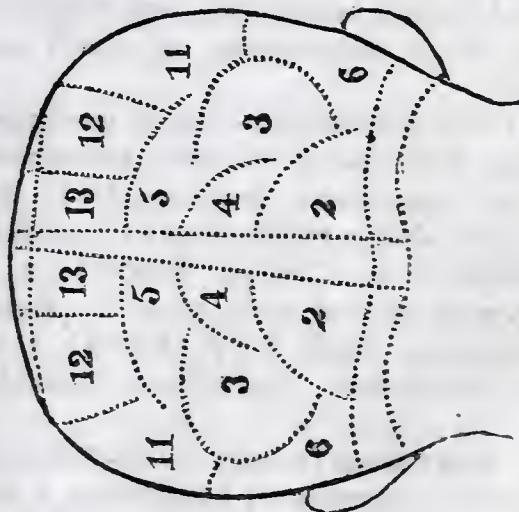
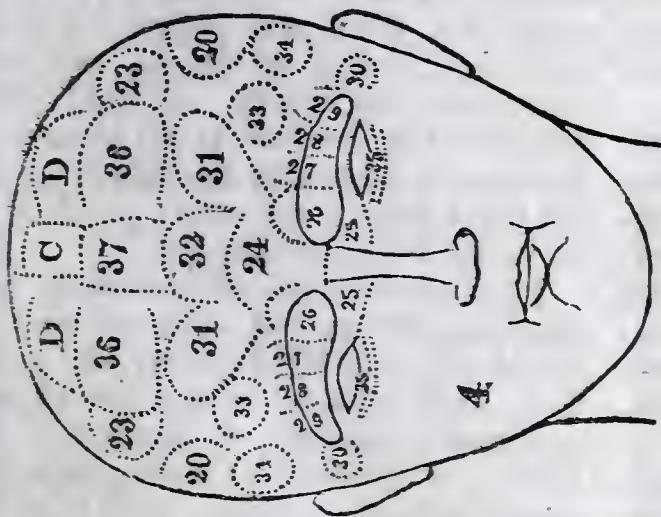
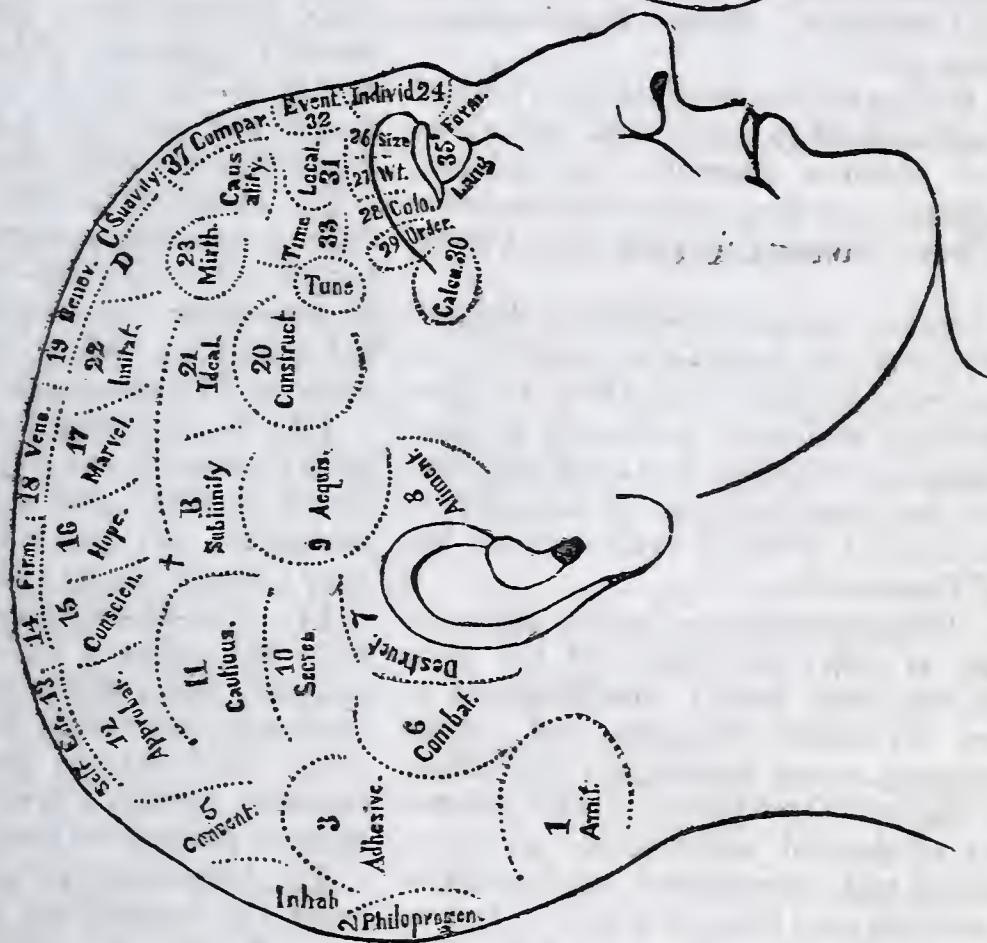
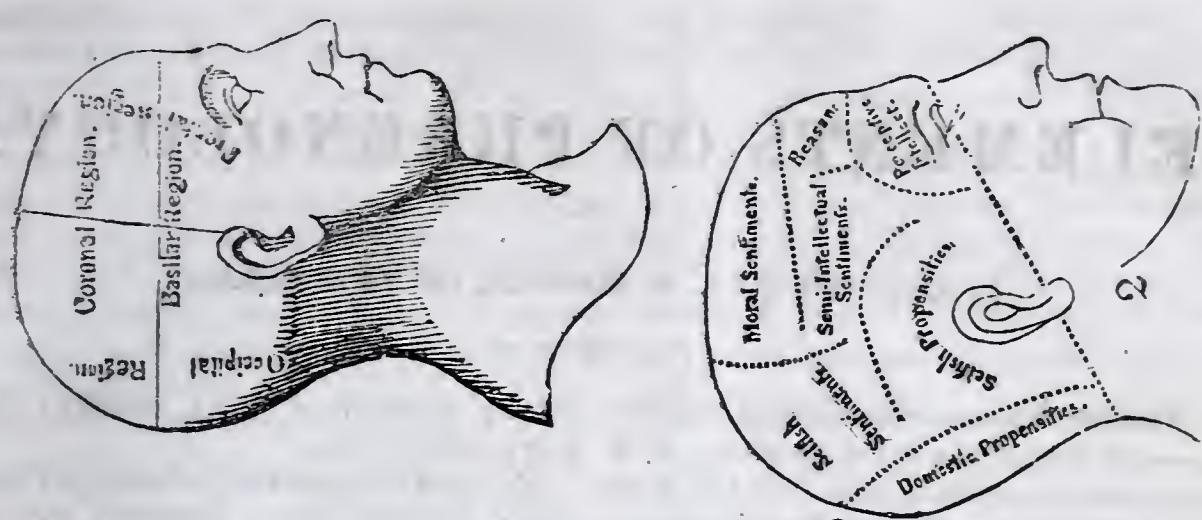
The fastest sailing ship is not always the safest one upon the surface of the fathomless **Deep.**

The legs of Euchidas were somewhat more diligent than those of many a newspaper **Editor.**

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PHRENO-MNEMOTECHNIC PRINCIPLES.



ELEMENTS OF PHRENOLOGY.

(ACCORDING TO L. N. FOWLER, OF NEW YORK.)

—O—

1. AMATIVENESS.—Reciprocal attachment,—and love of the sexes *as such* ; with adhesiveness, connubial love, and the matrimonial relations. *Abuses* : licentiousness, obscenity, etc.

2. PHILOPROGENITIVENESS.—Parental love ; attachment to one's own offspring ; love of children generally, pet animals, etc. *Abuses* : spoiling children by excessive indulgence ; idolizing and pampering them, etc.

3. ADHESIVENESS.—Friendship ; sociability ; fondness for society ; susceptibility of forming attachments ; inclination to love, and desire to be loved ; propensity to associate together in families and neighborhoods. *Abuses* : too great fondness for company indiscriminately ; grieving excessively at the loss of friends, etc.

4. INHABITIVENESS.—Love of home and country *as such* ; attachment to the place where one has lived ; unwillingness to change it ; desire to locate, and remain permanently in one habitation ; patriotism.

5. CONCENTRATIVENESS.—Unity and continuity of thought and feeling ; power of connected and concentrated application to one, and but one, thing at a time. *Abuses* : prolixity, tedious amplification of the feelings and mental operations, and inability to change one's occupation, or divert one's feelings.

6. COMBATIVENESS.—Self-protection ; defence ; resistance ; defiance ; resentment ; spirit of opposition ; determination ; boldness ; resolution ; willingness to encounter ; it originates the feeling implied in the phrase “*let me and mine alone.*” *Abuses* : pugnacity ; a quick fiery temper ; a contrary, fault-finding, contentious disposition, &c.

7. DESTRUCTIVENESS.—Executiveness ; indignation ; sternness ; harshness ; a pain-causing, retaliating, exterminating disposition ; hatred and bitterness of feeling. *Abuses* : rage ; revenge ; malice premedi-

tated ; animosity ; war ; cruelty ; malignity ; murder, &c.

8. ALIMENTIVENESS.—Appetite ; hunger ; desire for nutrition ; gastratory enjoyment. *Abuses* : gluttony ; gormandizing ; living merely to eat and drink ; drunkenness—though this last vice depends much on the temperament, habits, &c. of the individual.

9. ACQUISITIVENESS.—Love of possessing and acquiring property *as such*, the feeling of *mine* and *thine*—of claim and rightful possession ; an economical, saving, frugal disposition, which is pained by seeing waste and extravagance.

10. SECRETIVENESS.—Policy ; management ; evasion ; cunning ; acting under assumed aspects ; and disguising one's real sentiments and purposes. *Abuses* : hypocrisy ; deceit ; lying ; duplicity, &c.

11. CAUTIOUSNESS.—Provision against want and danger ; solicitude about consequences ; fear ; care ; anxiety ; taking precautionary measures ; fleeing from foreseen evils, &c. *Abuses* : procrastination ; irresolution ; timidity ; cowardice ; melancholy ; want of promptness and enterprise.

12. APPROBATIVENESS.—Regard for character and reputation ; desire for a “good name,” and to be esteemed ; love of praise, popularity, fame, and notoriety ; pride of character ; feeling of shame ; ambition to distinguish one's self. *Abuses* : vanity ; following the fashions at all hazards ; extravagantly decorating the person ; making too great display and show ; artificial manners ; formal politeness, &c.

13. SELF-ESTEEM.—Self-respect ; love of freedom, liberty, and independence ; self-confidence, self-complacency, and satisfaction ; high sense of honor ; love of power ; nobleness ; dignity ; a high-toned manly feeling, which despises meanness and commands respect. *Abuses* : pride ; egotism ; swaggering pretensions ; haughtiness ; an aristocratical domineering spirit, &c.

14. FIRMNESS.—Decision of character ;

stability; fixedness of purpose, opinion, &c. perseverance; an unwillingness to change. *Abuses*: obstinacy; willfulness; a blind adherence to present opinions, and in opposition to reason.

15. CONSCIENTIOUSNESS.—Moral principle; integrity; sense of justice; regard for duty; perception of right, and a feeling of wrong, *as such*, and that right should be rewarded, and wrong punished; sense of moral accountability, of guilt and incum-bency; love of truth; penitence for sin; disposition to reform; gratitude for favors; desire of moral purity, and blamelessness of life. *Abuses*: excessive scrupulousness; self-condemnation; making too little allowance for the faults and follies of mankind.

16. HOPE.—Anticipation; expectation of future happiness and success; enter-prise; cheerfulness; tendency of mind to magnify advantages, and to overlook or underrate difficulties. *Abuses*: a visionary, chimerical, castle-building disposition, &c.

17. MARVELLOUSNESS.—Faith: belief in special Divine Providence, and reliance upon it for direction; belief in spiritual ex-istences and supernatural manifestations. *Abuses*: belief in ghosts, witchcraft, &c.

18. VENERATION.—Worship of a God; adoration of a Supreme Being; a disposi-tion to observe religious rites and ceremo-nies; respect for religion and things sacred; regard for antiquity and deference to su-periors. *Abuses*: idolatry; superstition; respect for unworthy objects, &c.

19. BENEVOLENCE.—Kindness; sym-pa-thy for persons in distress; delight in seeing, and desire to make, sentient beings happy; willingness to make personal sacrifices to secure this end; generosity; benignity; hu-manity. *Abuses*: giving alms to the vici-ous and undeserving; so great tenderness of feeling as to be overcome by the sight of suffering, &c.

20. CONSTRUCTIVENESS.—Mechanical skill; dexterity in using tools; ability to make, manufacture, build, contrive, and construct; skill in repairing articles; sleight of hand in turning off all kinds of manual labor. *Abuses*: wasting one's time and money in trying experiments, getting out useless patents; trying to invent perpetual motion, &c.

21. IDEALITY.—Good taste; refine-ment of feeling and manners; delicacy; sense of propriety; fancy; love of polite literature, belles-lettres, and a chaste and elegant style; that faculty which perceives and ad-mires the beautiful, the rich, the exquisite,

the sentimental, the perfect, and the fine arts generally; which gives impassioned ecstacy and rapture of feeling, elegance, and beauty of style, and inspiration to poe-try and oratory; softens down the rougher features of man's nature, and creates a de-sire for improvement and perfection. *Abuses*: ideal reveries; sickly sentimentalism; ex-travagant love of romance, poetry, the the-atre, &c.; that sickly delicacy which is dis-gusted with the world as it is, and soars to dwell constantly in an ideal world.

22. IMITATION.—Power of imitating and copying; of doing what one sees done; mimicry, &c. *Abuses*: mimicry; copying the faults of others; servile imitation, and fol-lowing patterns to the exclusion of origina-ality, and at the expense of independence, &c.

23. MIRTHFULNESS.—Wit; perception of the absurd and ludicrous; disposition and ability to joke, make fun, ridicule; humor; pleasantry; facetiousness; intuitive percep-tion of, and disposition to laugh at, that which is improper, ill-timed, out of place, unbecoming, &c. *Abuses*: levity; making sport of serious things; ridiculing truth; laughing at the infirmities of the unfor-tunate, &c.

24. INDIVIDUALITY.—Observation of things as independent existences; curiosi-ty to see and examine objects; disposition to regard physical things in their individual, isolated capacity.

25. FORM.—Cognizance and recollec-tion of the shape, superficies, configura-tion, and appearance of objects; observation and re-collec-tion of faces, of the expression of countenances, family resem-blances, &c.; good eye-sight.

26. SIZE.—Cognizance and recollec-tion of magnitude, bulk, proportion, &c.; judg-ment of the weight of bodies, or their gra-vity, by observing their size.

27. WEIGHT.—Intuitive perception and application of the principles of gravity; ability to balance one's self, to preserve the centre of gravity, and to judge of the weight of bodies by lifting them; ability to ride a fractious horse, to carry a steady hand, to throw a ball, stone, or arrow straight, &c.

28. COLOR.—Perception of colors; of their various shades, hues, tints, &c.; delight and satisfaction in contemplating their diversified and harmonious applications.

29. ORDER.—System; physical arrange-ment; having a place for every thing, and everything in its place.

30. CALCULATION.—Intuitive perception

of the relations of numbers or figures; ability to reckon figures and cast accounts *in the head*; numerical computation, having primary reference to the four fundamental rules of arithmetic, as well as to what is called the Rule of Three.

31. LOCALITY.—Cognizance and recollection of the relative positions of objects; fondness for geography; love of travelling; recollection of the looks of places, roads, natural scenery, &c.

32. EVENTUALITY.—Observation and recollection of actions, phenomena, occurrences, what has taken place, and circumstantial and historical facts; desire to witness and institute experiments; thirst for information and the news of the day; desire to hear and relate anecdotes, and to find out *what is*, and know *what has been*, and see *what will be*.

33. TIME.—Cognizance and recollection of the time *when*, of duration, of the lapse of time, the succession of events; of dates; keeping the beat in music and dancing, &c.

34. TUNE.—Tone; disposition to sing; the musical faculty; sense of melody and musical harmony; ability to learn tunes by note, and to detect agreement or discord by *the ear*.

35. LANGUAGE.—Power of communicating one's ideas by means of written and

spoken language; memory of words; copia verborum; volubility; versatility of expression; ability to learn spoken languages, and to use such words as precisely express one's meaning.

36. CAUSALITY.—Power of perceiving and applying the principles of causation; ability to plan, contrive, invent, adapt means to ends, take the advantage of circumstances, etc.; to create resources; to apply power most advantageously; to discover first principles, and trace out the connexions and relations existing between causes and effects; to reason by drawing conclusions from given premises, to predict the result of given measures, disposition to investigate, and to seek the *why* and *wherefore* of subjects; a leading element of common sense, the *therefore* and *wherefore* faculty.

37. COMPARISON.—Power of induction and generalization, of classifying phenomena, and perceiving and applying the principles of analogy; ability to discover the unknown from its resemblance to that which is known, and also, error from its incongruity with truth, or from its opposition to facts; critical acumen; power of illustrating and explaining one's meaning; of referring to parallel cases, and of using comparisons, similes, figures of speech, etc.

PROBLEM
OF THE
KNIGHT IN THE CHESS PLAY.

☞ The object of this problem, all the squares of the Chess-board being systematically numbered, is to conduct the Knight all over the board, from No. 1, or any other number, to come back again to the same point whence it started from, without its having stepped twice upon the same square, in its course.

This interesting problem was solved by the celebrated mathematician Euler, after a number of years of constant experiments.

The Chess-board being thus numbered:

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64

The Knight, if starting from No. 1, will have to run over the following squares, namely:—

1, * 11, 5, 15 32, 47, 64, 54, 60, 50, 35, 41, 26, 9, 3, 13, 7, 24, 39, 56, 62, 45, 30, 20, 37, 22, 28, 38, 21, 36, 19, 25, 10, 4, 14, 8, 23, 40, 55, 61, 51, 57, 42, 59, 53, 63, 48, 31, 16, 6, 12, 2, 17, 34, 49, 43, 58, 52, 46, 29, 44, 27, 33, 18,—1, &c.

* By following, with a pencil mark, the numbers corresponding to those upon the square above, you will see with more advantage the winding path of the Knight.

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
TO THE

P R O B L E M

OF THE

KNIGHT ON THE CHESS-BOARD,

(BY SUCCESSIVE FORMULAS.)

— o —

The crooked steps of the Knight emblematically show that:
Sad deeds will outlaw many a rogue.

A ROGUE is generally a living proof that very often:
Churlly riches lose a mellow heart.

A MELLOW HEART can feel more than any other how it is that:
Unjoyous boys meet music nowhere.

NOWHERE can we get a better proof than at a court-house, that:
An Amiable judge unwarily may sneeze.

A SNEEZE is always as pleasing as it is true that:
A Meek nun enough may find homage.

HOMAGE any white lady will receive from gallant beaux; but:
Would ebony ladies wiser dears have?

HAVE a contrary opinion if you please; for myself, I maintain that:
No merry soul will show a dull and doughy look.

Look out for your reputation; for too true it is, that:
Irony or libel may shame a hero famed.

A HERO FAMED will recognize a warrior as soon as:
A Dutch sage would know a Sunday gamer.

A GAMER cannot live without company, while on the other hand:
A Robber may live alone, rich, though unhappy.

UNHAPPY would be the jeweler who could not:
A Rare and new cameo modify.

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APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO

SCIENTIFIC, ARTISTIC, AND OTHER IMPORTANT DISCOVERIES,

(BY ISOLATED FORMULAS.)

1 7 8 3 The *Aerostats* were at first elevated by the power of a WEAK FUME.

9 8 1 The *Arabic figures* did, in our calculations, a great many difficulties OBLIVIATE.

7 5 8 *Achromatic lenses* are seldom used by amateurs of a GAY LIFE.

6 4 3 The *Barometer* is an instrument usually found in every scientific WATCH-ROOM.

4 9 2 *America was discovered* by Christopher Columbus, for the happiness of many a EUROPEAN.

3 4 0 *Cannons* are unquestionably the most dreadful weapons of MARS.

6 4 1 *Coffee* was not at first taken by people living upon public CHARITY.

5 3 0 *Copernicus' System* was solemnly condemned by order of the Pope, in many a HOLY MASS.

6 8 0 The *Integral and differential calculus* is understood only by mathematical CHIEFS.

4 8 6 The *Cape of Good Hope* is to eastern navigators a most important port of REFUGE.

5 2 0 The *first circumnavigation*, etc., was the first step of mankind towards a universal ALLIANCE.

3 3 1 *Gunpowder* would have unquestionably been better than tooth-powder, to shoot a MAMMOTH.

6 2 1 The *Compound Microscope* makes an invisible mite appear like a colossal GIANT.

7 7 5 *Hydrogen gas* gives an incomparably better light than that obtained from COCOA OIL.

6 6 7 *Electricity* will never fail, in a good machine, instantaneously to ISSUE A SHOCK.

8 1 0 The *London Gas* is now-a-days used in many a fashionable and FAT HOUSE.

A CIRCUMSTANTIAL NOMENCLATURE TABLE,

BY

NUMERICAL AND HOMOPHONIC ANALOGIES.

¶ As far as the *numbers* will allow, in succession, a striking association originating from some of those classical or popular reminiscences attached to certain numbers, the figures or nomenclatured *numbers* must be *personified* by one of the most prominent among these forcible associations.—As soon as the *numbers* cease to offer a distinct classical or popular association by numerical *reminiscence*, the *homophonic analogies* will then be used in continuation, except when a most prominent association should be offered, as in case of No. 30 hereafter.

Thus, we will take for Nos.

1.	ONE God.
2.	the two faces of Janus.
3.	the THREE persons of the Holy Trinity.
4.	the FOUR Evangelists.
5.	the FIVE Books of Moses.
6.	the SIX Horatii and Curiatii.
7.	the SEVEN wise men of Greece.
8.	the EIGHT dancers of a cotillion.
9.	the NINE Muses.
10.	the TEN Commandments.
11.	the ELEVEN brothers of Joseph.
12.	the TWELVE Apostles.
13.	the THIRTEEN primitive States of America.
14.	the FOURTEEN days of a fortnight.
15.	the FIFTEEN kings of Persia.
16.	the SIXTEENTH Louis of France.
17.	the SEVENTEEN Satellites of the superior planets.
18.	the EIGHTEENTH Louis of France.
19.	the NINETEEN Kings of Babylon.
20.	the TWENTY shillings of a pound sterlign.
21.	TWENTY WANDS.
22.	TWENTY TOES.
23.	TWENTY TREES.
24.	TWENTY FORTS.
25.	TWENTY FIFES.
26.	TWENTY SEXTONS.
27.	TWENTY SAVANS.
28.	TWENTY EYES.
29.	TWENTY KNIGHTS.
30.	THIRTY days of the month.
31.	THIRTY WANDERERS.
32.	THIRTY TOOTH extractors.
33.	THIRTY TRIGONOMETERS.
34.	THIRTY FORTE-PIANOS.
35.	THIRTY FIFERS.
36.	THIRTY SICK people.
37.	THIRTY SAVANS.

APPLICATION OF
Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
 TO
PHRENOLOGY.
 (BY NOMENCLATURED SERIES AND HOMOPHONIC ANALOGIES.)

- 1.—*One God*, we are bound to love, but with feelings holier than those of common **AMATIVENESS.**
- 2.—*The Two faces of Janus* must never be worn by those who prove a sincere **Philoprogenitiveness.**
LOVE OF CHILDREN.
- 3.—*The THREE persons of the Holy Trinity* most intimately to each other **Adhesiveness.**
ADHERE.
- 4.—*The FOUR Evangelists* would now find their holy works in every land by true christians **Inhabitiveness.**
INHABITED.
- 5.—*The FIVE Books of Moses* are the only ones in which the greatest amount of truth is found **Concentrative ness.**
CONCENTRATED.
- 6.—*The SIX Horatii and Curiatii* fought for their respective countries the most desperate **Combativeness.**
COMBAT.
- 7.—*The SEVEN wise men of Greece* have left a reputation which will never be by time **Destructiveness.**
DESTROYED.
- 8.—*The EIGHT dancers of a cotillion* usually swallow more dust than any other pleasing **Alimentiveness.**
ALIMENT.
- 9.—*The NINE Muses* were endowed with the most refined and practical **Acquisitiveness.**
ACQUIREMENTS.
- 10.—*The TEN Commandments of the law* must not be kept by true christians as a **Secretiveness.**
SECRET.
- 11.—*The ELEVEN brothers of Joseph* showed in their fratricide a good deal of **Cautionness.**
- 12.—*The TWELVE Apostles* always received from their heavenly leader the most solemn **Approbative ness.**
APPROBATION.
- 13.—*The THIRTEEN primitive States of America* are fully entitled to any amount of **Self-esteem.**
- 14.—*The FOURTEEN days of a fortnight* are sufficient to mature a good thought with unequivocal **Firmness.**
- 15.—*The FIFTEEN kings of Persia* were almost all of them destitute of **Conscientiousness.**
CONSCIENCE.
- 16.—*The SIXTEENTH Louis of France* died upon a scaffold after losing all **Hope.**

17.—*The 17 satellites of the superior planets* perform their revolutions with a precision altogether Marvelousness. MARVELOUS.

18.—*The XVIIIth Louis of France* did not always inspire the people with an absolute feeling of VENERATION.

19.—*The NINETEEN Kings of Babylon* were not always possessed of an extra portion of BENEVOLENCE.

20.—*The TWENTY shillings of a pound sterling* are often used by those who deal in public Constructiveness. CONSTRUCTIONS.

21.—*TWENTY WANDS* in the hands of a good magician would produce wonders of a kind altogether Ideality. IDEAL.

22.—*TWENTY TOES* would make a foot which a sculptor would never use as a model for IMITATION.

23.—*TWENTY TREES* in the sandy deserts would create among the Arabs a feeling of heavenly MIRTHFULNESS.

24.—*TWENTY FORTS* in the time of war could not be easily taken by a single Individuality. INDIVIDUAL.

25.—*TWENTY FIFES* could not produce a sweet music, however varied might be their FORM.

26.—*TWENTY SEXTONS* would be more than necessary to bury a man of ordinary SIZE.

27.—*TWENTY SAVANS* might possess an amount of knowledge of considerable WEIGHT.

28.—*TWENTY EYES* might in their iris afford a considerable variety of COLORS.

29.—*TWENTY KNIGHTS* would most likely belong to different ORDERS.

30.—*THIRTY days of the month* are hourly used in all sorts of CALCULATIONS.

31.—*THIRTY WANDERERS* would likely mind very little about a permanent LOCALITY.

32.—*THIRTY TOOTH extractors* would be sufficient to place a number of mouths in a precarious EVENTUALITY.

33.—*THIRTY TRIGONOMETERS* would solve the most difficult problems in a very short TIME.

34.—*THIRTY FORTE-PIANOS* would produce together the most admirable TUNE.

35.—*THIRTY FIFERS* would originate a music which could not be described by any living LANGUAGE.

36.—*THIRTY sick people* at least die every minute without, of their sickness, knowing the real Causality. CAUSE.

37.—*THIRTY SAVANS* might possibly write an amount of silliness with which nothing could bear COMPARISON.

A SELECTION OF A FEW

SCIENTIFIC, ARTISTIC, AND OTHER IMPORTANT DISCOVERIES.

Aerostats first used—by Mongolfier— <i>Fr.</i>	A. D. 1783
Arabic figures introduced into Europe,	981
Achromatic lenses put in use—by Dolland— <i>Eng.</i> ,	1758
Barometer invented—by Torricelli— <i>Ital.</i> ,	1643
America discovered—by Columbus— <i>Genoa</i> ,	1492
Cannons first known in Europe— <i>Fr.</i> ,	1340
Coffee first introduced into Europe,	1641
Copernicus' system published— <i>Pole</i> ,	1530
Integral and Differential Calculus invented—by Leibnitz— <i>Holl.</i> ,	1680
Cape of Good Hope discovered—by Bartholomew Diaz— <i>Portug.</i> ,	1486
First circumnavigation of the World—by Magellan— <i>Portug.</i> ,	1520
Gun powder discovered—by Berthold Schwartz—	1331
Compound Microscope invented— <i>Fr.</i> ,	1621
Hydrogen gas discovered—by Cavendish— <i>Eng.</i> ,	1775
Electricity discovered—by Othon Guerrick— <i>Magdeburgh</i> ,	1667
Gas-light first used—in London,	1810
Galvanism discovered—by Galvani— <i>Ital.</i> ,	1792
First Newspaper established in France—The Gazette de France,	1632
Copperplate engraving invented—by Finniguerra— <i>Ital.</i> ,	1451
First Railroad—in England,	1791
Mariners' compass known in Europe,	1269
First Steam Carriage—in England,	1815
Printing invented—by Guttemberg,	1441
Galileo's first Telescope— <i>Ital.</i> ,	1610
Planet Uranus discovered—by Herschell— <i>Eng.</i> ,	1781
Lithography invented—by Schenefelder— <i>Germ.</i> ,	1800
Logarithms invented—by Napier— <i>Eng.</i> ,	1614
Lightning rods invented—by Franklin— <i>Amer.</i> ,	1770
Newton's first Reflecting Telescope,— <i>Eng.</i> ,	1672
Coal first used—in England,	1351
Tobacco introduced into Europe—by T. Nicot— <i>Fr.</i> ,	1560
Tea first introduced into Europe— <i>Holl.</i> ,	1601
First Steam engine—by Newcomen— <i>Eng.</i> ,	1705
Thermometer invented—by Drubbel— <i>Holl.</i> ,	1721
Telegraphs invented and first applied—by the Abbe Chappe— <i>Fr.</i> ,	1792
Turkies introduced into England—from America,	1525

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
 TO
 MISCELLANEOUS FACTS.

DEATHS AND AGES OF A FEW GREAT MEN.

Alexander the Great,	<i>Macedon,</i>	B. C. 324—32
Hannibal,	<i>Carthage,</i>	183—65
Julius Cæsar,	<i>Rome,</i>	44—56
Christopher Columbus,	<i>Genoa,</i>	A. C. 1506—65
Galileo,	<i>Florence,</i>	1642—78
Newton,	<i>England,</i>	1727—85
Voltaire,	<i>France,</i>	1778—84
Franklin,	<i>America,</i>	1790—84
Washington,	<i>America,</i>	1799—67
Napoleon,	<i>France,</i>	1821—52

POPULATION OF CITIES AND DISTANCES FROM
WASHINGTON.

		POP.	DIST.
Washington,	<i>D. C.</i>	23,400—	
New York,	<i>N. Y.</i>	312,700—	225
Boston,	<i>Mass.</i>	93,400—	432
New-Haven,	<i>Conn.</i>	13,000—	301
Portland,	<i>Me.</i>	15,200—	542
Providence,	<i>R. I.</i>	23,200—	394
Philadelphia,	<i>Penn.</i>	228,700—	136
Baltimore,	<i>Md.</i>	102,400—	038
Charleston,	<i>S. C.</i>	29,300—	544
New-Orleans,	<i>La.</i>	102,200—	1200
Cincinnati,	<i>Ohio,</i>	46,400—	497

STATISTICS OF THE U. S. ACCORDING TO THE CENSUS
OF 1840.

Whole population,		17,068,660
Slaves,		2,487,113
Free colored people,		199,778
Number of persons employed in Agriculture,		3,717,740
Do. do. do. Commerce,		117,576
Do. do. do. Manufactures and trades,		791,541
Do. do. do. Navigating the ocean,		56,024
Do. do. do. Learned professions,		65,236
Revolutionary and military pensioners,		20,797
Insane and idiots,		17,432
Whites over 20 unable to read and write,		549,690

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO THE MNEMONIZATION OF

DEATHS AND AGES OF A FEW GREAT MEN.

(BY ISOLATED FORMULAS.)

—0—

ALEXANDER, after conquering the world like a hero, died in a fit of
drunkenness like a *Mean war-man.*

HANNIBAL, unceasingly persecuted by the Romans, was obliged to
quit this world which had become to him a *Stiff image of Hell.*

CÆSAR had no sooner fallen a victim to his enemies, than his friend
Antony rescued his memory from reproach by a *Rare eulogy.*

COLUMBUS, before departing from this world, had passed many years
of his glorious life like *a Holy Sage in jail.*

GALILEO at his death found the holy inquisition to be something
more than *a Toyish or ironie foe.*

NEWTON was unquestionably the first astronomer who showed that
the path of the Comets was a sort of *Conic oval.*

VOLTAIRE, it is said, suffered through his whole life the unpleasing
persecution of a *Decaying fever.*

FRANKLIN was the first mortal who ever obtained from the lightning
a harmless and most *Copious fire.*

WASHINGTON did often show to the English troops that his military
tactics were not a mere *Toying baby joke.*

NAPOLEON has often been styled by his enthusiastic admirers the
Divine Italian.

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LATITUDES AND LONGITUDES

OF

SOME OF THE MOST IMPORTANT CAPITALS OF THE GLOBE.

The Longitudes are from Greenwich.		Lat.	Reg.	Lon.	Reg.
Alexandria, .	Capital of Egypt, . .	31	N.	30	E.
Amsterdam, .	Capital of Holland, . .	52	N.	04	E.
Athens, .	Capital of Greece, . .	38	N.	23	E.
Berlin, .	Capital of Prussia, . .	52	N.	13	E.
Botany Bay,*	Cap. of New Holland—Aust.	34	S.	151	E.
Brussels, .	Capital of Belgium, . .	50	N.	04	E.
Calcutta, .	Capital of Hindostan, . .	22	N.	84	E.
Constantinople,	Capital of Turkey, . .	41	N.	28	E.
Dresden, .	Capital of Saxony, . .	51	N.	13	E.
Dublin, .	Capital of Ireland, . .	53	N.	06	W.
Edinburgh, .	Capital of Scotland, . .	55	N.	03	W.
Florence, .	Capital of Tuscany, . .	43	N.	11	E.
Geneva, .	Capital of Switzerland, . .	46	N.	06	E.
Hanover, .	Capital of Hanover, . .	52	N.	09	E.
Jeddo,*	Capital of Japan—E. Ind. .	36	N.	139	E.
Lima, .	Capital of Peru, . .	12	S.	76	W.
Lisbon, .	Capital of Portugal, . .	38	N.	09	W.
London, .	Capital of England, . .	51	N.	00	E.
Madrid, .	Capital of Spain, . .	40	N.	03	W.
Mexico, .	Capital of Mexico, . .	19	N.	103	W.
Muscat, .	Capital of Arabia, . .	23	N.	57	E.
Moscow, .	Capital of southern Russia,	55	N.	37	E.
Munich, .	Capital of Bavaria, . .	48	N.	11	E.
Naples, .	Capital of kingd. of Naples,	40	N.	14	E.
Pekin, .	Capital of China, . .	39	N.	116	E.
Paris, .	Capital of the world, &c.	48	N.	02	E.
Prague, .	Capital of Bohemia, . .	50	N.	14	E.
Quito, .	Capital of Rep. of Ecuador,	00	S.	78	E.
Rome, .	Capital of Italy, . .	41	N.	12	E.
Rio Janeiro, .	Capital of Brazil, . .	22	S.	43	W.
St. Petersburg,	Capital of all the Russias, .	59	N.	30	E.
Stockholm,	Capital of Sweden, . .	56	N.	18	E.
Stutgard, .	Capital of Wirtemberg, .	48	N.	09	E.
Tangier, .	Capital of Morocco, . .	35	N.	03	W.
Tobolsk,*	Cap. of Siberia—Russ. Em.	58	N.	68	E.
Valparaiso,	Capital of Chili, . .	33	S.	71	W.
Vienna, .	Capital of Austria, . .	48	N.	16	E.
Warsaw, .	Capital of Poland, . .	52	N.	21	E.
Washington,	Capital of United States, .	38	N.	77	E.

APPLICATION OF
Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
 TO A SELECTION OF A FEW
LATITUDES AND LONGITUDES,
 OF THE MOST IMPORTANT CAPITALS OF THE GLOBE.
 (By *Defining Formulas and Homophonic Analogies.*)

Alexander the Great is a hero whose fame has often been sung by
 ALEXANDRIA. many a **Mighty muse.**

An Athenæum . . . is a place where people do not generally go to
 ATHENS. relish **Muffin or ham.**

A Bear lean . . . is an animal which has been fasting as much
 BERLIN. as a penitent crushed under a **Holy Anathema.**

A Calculator . . . is an individual whose labors are no more
 CALCUTTA. charming than the flavor of the **Nenuphar.**

The Emp. Constantine is a monarch who would have left a purer name
 CONSTANTINOPLE. if he had not murdered his **Worthy nephew.**

A Dressed dean . . . is one who puts on his richest garments to
 DRESDEN. officiate within the cathedral's **Hallowed dome.**

A Dun bird . . . is often found warbling amid the rustic soli-
 EDINBURGH. tudes of a **Hilly and willowy house.**

A Flora is a collection of flowers which the amateurs
 FLORENCE. keep always carefully out of all **Airy humidity.**

Ginievra, or gin . . . is a liquor which ought not to be found in the
 GENEVA. house of a **Rich sage.**

A Hone of iron . . . is an instrument upon which a razor would
 HANOVER. likely suffer as much as in cutting a **Lean pie.**

A Lemma is in geometry a denomination which does not
 LIMA. admit of any **Denegation.**

A Loose bone . . . does not generally contain as much nutritive
 LISBON. substance as a **Ham or heavy soup.**

A Long dun . . . is a continual calling upon a bad debtor to
 LONDON. whom fortune has refused success and **Wealth.**

A Mad writ . . . is an unjust writ by which a passionate judge
 MADRID. obliges a poor man to bail in a **Serious sum.**

A Musky cow . . . would have been worshiped by the Egyptians
 MEXICO. like their Apis during their **Deep Atheism.**

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Muscat wine . . . when very old, is a wine infinitely more agreeable to drinkers than a cup of **New milk.**
 MUSCAT.

A Moist cow . . . is an animal which is supposed to work harder and perspire more than *an Ill or lame cow.*
 MOSCOW.

A New niche . . . is a place in the wall which is not usually made to receive the statue of a **Rough idiot.**
 MUNICH.

A Nopal . . . is a plant, the flowers of which do not possess so rich a flavor as that of **Rose-water.**
 NAPLES.

A Big inn . . . is a large hotel where customers do not generally meet at table an **Empty dish.**
 PEKIN.

A Parish . . . is a clerical district some of which are endowed, as in England, with a colossal **Revenue.**
 PARIS.

A Plague . . . is a calamity during which every ordinary attraction loses its natural **Lustre.**
 PRAGUE.

Cato (the ancient) . . was a senator whose habits did not accord with the luxuries of *an Ice-house and a cave.*
 QUITO.

Rum . . . is a liquor which generally gives to the voice of those using it a rather **Hard tone.**
 ROME.

A Master-dam . . is the famous Black-rock dam of Lake Erie, which was not constructed by a **Lean hero.**
 AMSTERDAM.

A Brisk ale . . . is a beverage which the amateurs like to relish in the quietness of a **Lazy hour.**
 BRUSSELS.

St. Peter sober . . was a saint who never drank at a time more than . . . *a Holy Abbe at mass.*
 ST. PETERSBURGH.

A Stock of alum . . would be more profitable to a druggist than the feathers of a **Welsh dove.**
 STOCKHOLM.

A Stout guard . . is a soldier of courage who could not easily be defeated by a **Rough sepoy.**
 STUTGARD.

A Vineyard . . . is a plantation on the excellency of which no lover of the grape would hear a **Refutation.**
 VIENNA.

A War-saw . . . is a weapon with which the ancients used to cut more flesh than . . . *Linen and wad.*
 WARSAW.

General Washington . . is a hero whose fame will ever soar over the world with an indefatigable **Moving wing.**
 WASHINGTON.

Danger . . . is a feeling altogether unknown to the chivalrous warrior belonging to a . . . **Male home.**
 TANGIER.

A Vale of Paradise . . is a beatific location, which no one would select with more eagerness than a **Mimic widow.**
 VALPARAISO

A Real joiner . . . is an expeditious mechanic, who could fix in a short time the windows of **Any new room.**
 RIO JANEIRO.

APPLICATION OF THE SYSTEM TO
S P E C I F I C G R A V I T I E S.

—0—
TABLE 1.***Specific Gravities of SOLIDS, Distilled Water being 1.**

Platina—purified,	19. 560
Gold—cast,	19. 258
Silver—cast,	10. 474
Mercury—at 0 centigrade,	13. 598
Lead—cast,	11. 351
Red Copper—cast,	8. 782
Iron—cast,	7. 207
Tin—cast,	7. 291

Specific Gravities of LIQUIDS, Distilled Water being 1.

Sulphuric acid,	1. 840
Sheep's milk,	1. 040
Whale oil,	0. 922
Olive oil,	0. 914
Acetic ether,	0. 865
Bordeaux wine,	0. 994
White champagne,	0. 996
Absolute alcohol,	0. 794

Specific Gravities of ELASTIC FLUIDS, that of Air being 1.

Steam,	0. 622
Vapor of Hydriodic ether,	5. 474
Chloride of Silicium,	5. 940
Chlorine,	2. 470
Carbonic acid gas,	1. 526
Oxygen gas,	1. 102
Hydrogen gas,	0. 069
Ammoniacal gas,	0. 595

Specific Gravities of WOODS, Distilled Water being 1.

Alder,	0. 800
Apple tree,	0. 794
Beech tree,	0. 852
French box,	0. 912
American cedar,	0. 560
Cork,	0. 241
Fir-Female,	0. 498
Oak—the heart,	1. 170

*See tables 2, 3 and 4.

THE SOVEREIGNS OF ENGLAND.

		<i>Dynasty No. 1.</i>		
OLD SAXON KINGS.				
1	Egbert . . .	800—38 ^a	30	Edward II. . . . 1307—20
2	Ethelwolf . . .	838—19	31	Edward III. . . . 1327—50
3	Ethelbald . . .	857—03	32	Richard II. . . . 1377—22
4	Ethelbert . . .	860—06		<i>Dynasty 6.</i>
5	Ethelred I. . .	866—06	33	Henry IV. . . . 1399—13
6	Alfred the Great	872—28	34	Henry V. . . . 1412—10
7	Edw'd the Anc't	900—25	35	Henry VI. . . . 1422—38
8	Athelstan . . .	925—15		<i>Dynasty 7.</i>
9	Edmond I. . .	940—06		YORK BRANCH.
10	Edred . . .	946—09	36	Edward IV. . . . 1460—23
11	Edwin . . .	955—04	37	Edward V. . . . 1483—00
12	Edgard the Pacific	959—16	38	Richard III. . . . 1483—02
13	Edward the Martyr	975—04		<i>Dynasty 8.</i>
14	Ethelred II. . .	979—37		TUDOR BRANCH.
15	Edm'd II. I'nside	1016—01	39	Henry VII. . . . 1485—24
		<i>Dynasty 2.</i>	40	Henry VIII. . . . 1509—37
		DANISH KINGS.	41	Edward VI. . . . 1546—07
16	Canute the Great	1017—19	42	Mary 1553—05
17	Harold I. . . .	1036—03	43	Elizabeth 1558—44
18	Hardicanute . .	1039—02		<i>Dynasty 9.</i>
		<i>Dynasty 3.</i>		STUART BRANCH.
		NEW SAXON KINGS.	44	James I. . . . 1602—23
19	Edw'd t. C'fessor,	1041—24	45	Charles I. . . . 1625—23
20	Harold II. . . .	1065—01	46	<i>Cromwell</i> 1648—22
		<i>Dynasty 4.</i>	47	Charles II. . . . 1660—25
		NORMAN KINGS.	48	James II. . . . 1685—03
21	Will'm I. t. C'r'or.	1066—21		<i>Dynasty 10.</i>
22	Will'm II. Rufus	1087—13		NASSAU ORANGE BRANCH.
23	Henry I. Beau'ck.	1100—35	49	William III. . . . 1688—14
24	Stephen	1135—19	50	Anne 1702—12
		<i>Dynasty 5.</i>		<i>Dynasty 11.</i>
		PLANTAGENET KINGS.		BRUNS. HANOVER BRANCH.
25	Henry II. . . .	1154—35	51	George I. . . . 1714—13
26	Rich'd I. C'r d. L'n.	1189—10	52	George II. . . . 1727—33
27	John.	1199—17	53	George III. . . . 1760—60
28	Henry III. . . .	1216—56	54	George IV. . . . 1820—10
29	Edward I. . . .	1272—35	55	William IV. . . . 1830—07
			56	Victoria I. . . . 1837

a Number of years they occupied the throne.

NOMENCLATURE TABLE, No. 1.

OR THE UNIVERSAL ORIGINATOR.

	0	1	2	3	4	5	6	7	8	9
	SOUND.	TIE.	NAME.	MOUNT.	ROOF.	LIFE.	JEWEL.	GAME.	FIRE.	WEAPON.
1	10	11	Stinginess.	Mt. Auburn.	13	14	15	16	17	18
2	TIGHT.	Drum.	Gordian Tie.	Tomb.	21	22	23	24	25	26
3	NEW.	Bugle.	Daguerriotype.	Mt. Jorullo.	30	31	32	33	34	35
4	MERRY.	Fiddle.	Garland.	Sport.	39	40	41	42	43	44
5	ROUND.	Tabor.	Cravat.	Ball.	49	50	51	52	53	54
6	LONG.	Thunder.	Chain.	Phreno-Mnem.	59	60	61	62	63	64
7	CHEAP.	Whistle.	Promise.	Gift.	69	70	71	72	73	74
8	GREAT.	Cannomade.	Oath.	America.	78	79	80	81	82	83
9	FAIR.	Piano.	Friendship.	Emperor.	89	90	91	92	93	94
	PIOUS.	Organ.	Communion.	Gospel.	95	96	97	98	99	99
					95	96	97	98	99	99
					Temple.	Agus Dei	Dice.	Holocaust.	Excommunication.	

100 A Hand-red.

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A TABLE
OF
HOMOPHONIC ANALOGIES
FOR THE
SOVEREIGNS OF ENGLAND.

—0—

Kings by the name of † Adopted Articulations.	
Edward,	AR.
Richard,	CH'R.
Henry,	RE.
William,	WE.
George,	GE.

Kings by the name of † Adopted Articulations.	
Charles,	LA.
James,	ME.
Harold,	HERO.
Ethelred,	RED.
Edmond,	ODDMO.

NAMES.

HOMOPHONIC ANALOGIES.

SOVEREIGNS WITHOUT HOMONYMS. ADOPTED EQUIVALENTS.

For EGBERT	<i>Ad.</i> <i>an</i> Ugly Bear.
“ ETHELWOLF	“ <i>a</i> Tall Wolf.
“ ETHELBALD	“ <i>a</i> Tall Bald.
“ ETHELBERT	“ <i>a</i> Tall Bear.
“ ALFRED THE GREAT .	“ <i>a</i> Great-hall fired. . . .
“ EDWARD THE ANC'T. .	“ <i>a</i> Dwarf Ancient. . . .
“ EDWARD THE MARTYR	“ <i>a</i> Dwarf Martyr. . . .
“ EDWARD THE CONFES'R.	“ <i>a</i> Dwarf Confessor. . . .
“ ATHELSTAN	“ <i>a</i> Tall Standard.
“ EDRED	“ <i>a</i> Dreaded man.
“ EDWIN	“ <i>a</i> Head wind.
“ EDGARD THE PACIFIC .	“ <i>an</i> Odd Guard Pacific. . .
“ CANUTE THE GREAT .	“ <i>a</i> Great Canoe.
“ HARDI-CANUTE	“ <i>a</i> Hard Canoe.
“ STEPHEN OF BLOIS . .	“ <i>a</i> Stiff Inn.
“ JOHN	“ <i>a</i> Joiner.
“ MARY	“ <i>a</i> Merriness.
“ ELIZABETH	“ <i>a</i> Lazy beast.
“ CROMWELL	“ <i>a</i> Crowned Villain. . . .
“ ANNE	“ <i>an</i> Annuary.
“ VICTORIA	“ <i>a</i> Victory.

Kings by the name of EDWARD.

Adopted Articulation, AR.

For EDWARD I	<i>Eqv.</i>	<i>Ar-t.</i>	<i>te</i> . 1
“ EDWARD II	“	<i>Ar-ena.</i>	<i>ne</i> . 2
“ EDWARD III	“	<i>Ar-my.</i>	<i>me</i> . 3
“ EDWARD IV	“	<i>Ar-row.</i>	<i>re</i> . 4
“ EDWARD V	“	<i>Ar-le.</i>	<i>le</i> . 5
“ EDWARD VI	“	<i>Ar-ch.</i>	<i>che</i> . 6

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Kings by the name of RICHARD.

For RICHARD I	<i>Cœur de Lion</i>	<i>Eqv.</i>
" RICHARD II	"	"
" RICHARD III	"	"

Adopted Articulation, CH'R.

Char-t of Lyons	te	1
Chur-n	ne	2
Char-m.	me	3

Kings by the name of HENRY.

For HENRY I	"	<i>Eqv.</i>
" HENRY II	"	"
" HENRY III	"	"
" HENRY IV	"	"
" HENRY V	"	"
" HENRY VI	"	"
" HENRY VII	"	"
" HENRY VIII	"	"

Adopted Articulation, RE.

Ri-de.	de	1
Rui-n.	ne	2
Rhy-me.	me	3
Ro-ar.	re	4
Ra-il.	le	5
Ri-ch.	che	6
Ri-ck.	ke	7
Re-ref.	fe	8

Kings by the name of WILLIAM.

For WILLIAM I	<i>the Conqueror</i>	<i>Eqv.</i>
" WILLIAM II	<i>Rufus</i>	"
" WILLIAM III	"	"
" WILLIAM IV	"	"

Adopted Articulation, WE.

Wi-tty-conqueror.	te	1
WI-ne-rough.	ne	2
Wh-im.	me	3
Wi-re.	re	4

Kings by the name of GEORGE.

For GEORGE I	"	<i>Eqv.</i>
" GEORGE II	"	"
" GEORGE III	"	"
" GEORGE IV	"	"

Adopted Articulation, GE.

Ge-ode.	de	1
Gi-n.	ne	2
Ge-m.	me	3
Ju-ry.	re	4

Kings by the name of CHARLES.

For CHARLES I	"	<i>Eqv.</i>
" CHARLES II	"	"

Adopted Articulation, LA.

La-d.	de	1
La-ne.	ne	2

Kings by the name of JAMES.

For JAMES I	"	<i>Eqv.</i>
" JAMES II	"	"

Adopted Articulation, ME.

Mea-dow.	de	1
Mi-ne.	ne	2

Kings by the name of HAROLD.

For HAROLD I	"	<i>Eqv.</i>
" HAROLD II	"	"

Adopted Articulation, HERO.

Hero-weighty.	te	1
Hero-ine.	ne	2

Kings by the name of ETHELRED.

For ETHELRED I	"	<i>Eqv.</i>
" ETHELRED II	"	"

Adopted Articulation, RED.

Red-toe.	te	1
Red-knee.	ne	2

Kings by the name of EDMOND.

For EDMOND I	"	<i>Eqv.</i>
" EDMOND II	"	"

Adopted Articulation, ODDMO.

Oddmo-tto.	te	1
Oddmo-ney.	ne	2

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO

THE SOVEREIGNS OF ENGLAND,

(By *Defining Formulas and Homophonic Analogies.*)

—0—

EGBERT. 1. The TIE that binds fast an **Ugly-bear**,
renders him as little dreaded as a *Fussy or semi-foe.*

ETHELWOLF 2. A NAME of some celebrity would soon conquer . . . a **Tall-wolf**,
and make of his valuable skin a *Heavy muff and tip.*

ETHELBALD. 3. A MOUNT without trees may be compared to . . . a **Tall-bald**,
whose bare head never felt the teeth of an *Awful comb.*

ETHELBERT. 4. The ROOF of a low building may be climbed over by a **Tall-bear**,
an animal as dangerous as any *Vicious-witch.*

ETHELRED I. 5. LIFE must hang heavy on those afflicted with . . . a **Red-toe**,
disease which causes many to look as cross as a *Savage judge.*

ALFRED the Great. 6. A JEWEL would soon be melted in a **Great Hall-fired**,
although it were manufactured from a *Heavy coin enough.*

EDWARD the Anc't. 7. No GAME of an active nature could be played by a **Dwarf-ancient**,
who at best could effect little more than a *Busy snail.*

ETHELSTAN. 8. The FIRE of fighting armies is directed to the
to capture which both parties always aim *Tall standard,*
Openly and hotly.

EDMOND I. 9. A WEAPON is often less dangerous than a sharp
a kind of words which are seldom used by a *Odd-motto,*
Hebrew Sage.

EDRED. 10. The DRUM has conducted to victory many
and opened to him the rewarding doors of the *Dreaded man,*
Peerage as a pay.

EDWIN. 11. The GORDIAN TIE stood firm as an obstinate *Head-wind,*
till Alexander, by cutting it, accomplished the *Sybil law in a hurry.*

EDGARD the Pacific. 12. STINCINESS is seldom the fault of an **Odd-guard pacific**,
whose heart for his fellows' wants beats with a warm *Palpitation.*

EDWARD the M'tyr. 13. Mt. AUBURN would entomb a great many **Dwarf-martyrs**,
whose little bodies would take less room than a *Big and holy hero.*

ETHELRED II. 14. A TOMB often receives the praying cushion of some **Red-knee**,
who by his devotion to the dead is only at a *Big pay aiming.*

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EDMOND II. 15. IMPRISONMENT is now the penalty for circulating . . . **Odd-money**,
tho' the gallows once followed that . . . *Odious and audacious idea.*

CANUTE the Great. 16. A GIRDLE is the only dress worn by the African in his **Great-canoe**,
tho' we in his situation should think we were *Toast*ing in a *hot pan*.

HAROLD I. 17. WHIST, it is said, was once the favorite game of a **Hero-weighty**,
who never feared to see his purse suffer from a *Dismission of money*.

HARDICANUTE. 18. An OVEN is scarcely hotter than the Ethiopian's . . . **Hard-canoe**,
the very sight of w'h fills the Europ'n with a *Dismay & pain new*.

EDW'D the Confes'r. 19. The TROJAN HORSE was not the invention of a **Dwarf-confessor**,
who would have seen in a wooden *Horse-ride no harm.*

HAROLD II. 20. The BUGLE will rouse to daring deeds the **Heroine**,
when ruthless foes invade her *Sweet and social dome.*

W'M. I. the Conq'r. 21. The royal order of the GARTER was inst'd by a **Witty-conqueror**,
who was very much admired by his *Witty and sage gentry.*

W'M. II. (RUFUS.) 22. The DAGUERREOTYPE will hardly procure for a man a **Wine-rough**,
or afford subsistence enough for *Satisfying a tame hare.*

HENRY I. 23. Mt. JORULLO would not be a fit place for taking **a Ride**,
nor its volcanic explosions be as melod's as the *Notes of some lyre.*

STEPHEN. 24. The N. Y. EXCHANGE, if changed into **a Stiff-Inn**,
would be too fashionable a resort for a *Stout meal-dipper.*

HENRY II. 25. A WEDDING is never held within an abandoned **Ruin**,
unless perchance by some *Sooty dweller in a homely hall.*

RICH'D I. Cr.d' L'n. 26. A GOLD PENCIL is seldom used to draw **a Chart of Lyons**,
or to mark the outlines of a *Stout heavy boot-sole.*

JOHN. 27. BOWLING, as an exercise, is as useless to a hard-working **Joiner**,
as would be the blows of *a Stout boy beating a whale.*

HENRY III. 28. HYDROGEN GAS with nitrogen-gas would make a rich **Rhyme**,
tho' it might be as senseless as *a Dandy shallow and jolly.*

EDWARD I. 29. COLT'S BATTERY in the hands of men skilled in the military **Art**,
is more fatal than a boy shoot'g with a *Wooden gun* at a *mole-hill.*

EDWARD II. 30. The FIDDLE was not used by the anc'ts in their bloody . . . **Arena**,
where the mind would little relish *Sweet music noisy or low.*

EDWARD III. 31. GARLANDS of flowers seldom adorn the heads of **an Army**,
to sympathize with flowers war has quite too *Demoniacial a soul.*

RICHARD II. 32. The SPORT of buttering milk in **a Churn**,
is about equal to the music of *a Tame cock's noon yell.*

HENRY IV. 33. Mt. IDA, it is said, was disturbed by a continual **Rear**,
while the Corybantes protected their *Dumpy boy* from *damage.*

HENRY V. 34. If every BALL-ROOM were barred by a strong iron **Rail**,
it would save the fashionable world many . . . *Tired nights of joy.*

HENRY VI. 35. The STAGE, though many think its entertainments **Rich**,
will never please *an Austere nun or a miffy Jew.*

EDWARD IV. . . . 36. A NECKLACE was less esteemed by the Amazons than an **Arrow**, while they made their fatal . . . *Charges on the enemy's wing.*

EDWARD V. . . . 37. BILLIARDS must afford greater entertainment to the people of **Arle**, than the wretched & discordant sounds of an *Odd and rough music.*

RICHARD III. . . . 38. A BONFIRE has for children about as great . . . a **Charm**, as a fire in a forest rendered . . . *Dry and fumy by sunning.*

HENRY VII. . . . 39. A CONGREVE ROCKET would easily set on fire a strawy . . . **Rick**, or burn to ashes the ruins of a . . . *Dry fallen roof.*

HENRY VIII. . . . 40. A TABOR would afford as little pleasure to one wrecked upon a **Reef**, as it would to a poor . . . *Homeless boy on a muggy eve.*

EDWARD VI. . . . 41. A CRAVAT, being bent around the neck like a double . . . **Arch**, protects the throat very finely from the *Claw of a raging soc.*

MARY. 42. The rolling **BALL** contains more expressions of . . . **Merriness**, than the face of a poor fellow that has a *Dull, lame, and silly wife.*

ELIZABETH. . . . 43. Mt. VESUVIUS is yearly visited by many . . . a **Lazy-beast**, who always seems to consider . . . *Dull lava a rare view.*

JAMES I. 44. A CUPOLA is much nearer to the clouds than . . . a **Meadow**, and is so represented on every . . . *Well-chosen new map.*

CHARLES I. 45. OBESITY is a disease seldom seen in a young **Lad**, though we may see many a half-starved . . . *Urchin a lean imp*

CROMWELL. 46. A POCKET-WATCH often accompanies . . . a **Crowned villain**, whose fears prevent him from being the *Enjoyer of a fine nap*

CHARLES II. 47. The ROULETTE is clandestinely played in many a secret **Lane**, and to the ruin of many . . . a *Dashy, joyous, and unholy boy.*

JAMES II. 48. A display of FIRE-WORKS to the half-famished laborers in a **Mine**, would be viewed with a much less relish than a *Dishful of samp.*

WILLIAM III. 49. The SHIELD is not worn by warriors to satisfy a mere . . . **Whim**, but to enable them . . . to *Dodge off a fighter sidewise.*

ANNE. 50. The THUNDER, though described in many a scientific **Annuary**, has never found a philosopher able to *Take the sound of the notes.*

GEORGE I. 51. A CHAIN made of the mineral called , **Geode**, would be as unserviceable as . . . a *Doctor at the time of death.*

GEORGE II. 52. PHRENO-MNEMOTECHNY will have more lovers than a glass of **Gin**, although so many drink of the latter in *Regaining home at mid-day.*

GEORGE III. 53. Mt. TENERIFFE is to the modern geologist a volcanic **Gem**, though wholly unappreciated during the *Education of sages dead.*

GEORGE IV. 54. A STEEPLE would not be a fit place for convening . . . a **Jury**, since the bell would make them deaf as the . . . *Divinest statue.*

WILLIAM IV. 55. ETERNITY's length could never be measured by the longest **Wire**, nor by a ball shot from the mouth of a . . . *Stiff musket hot.*

VICTORIA. 56. The SPY-GLASS gives the victor the first notice of . . . **Victory**, as soon as the obscuring gun-powder ceases . . . *Fuming.*

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO

SPECIFIC GRAVITIES.

(By *Defining* Formulas and Homophonic Analogies.)

A Palatine purified . . . is a Roman courtier who no longer scourges the people with such . . . DEEP LASHES.

A Gilded Coat . . . is an ceremonial court dress, never worn by people who live on a TWO-PENNY LOAF.

A Silvered Coat . . . is an ordinary court dress, never seen upon a common . . . OUT-HOUSE WORKER.

The God Mercury . . . is the patron of thieves, persons who in the presence of constables TAMELY BEHAVE.

A Lady's Coat . . . is a petticoat, the only dress worn in South America by many a . . . TIDY NULATTO.

A Red Copper Coat . . . is a copper coat of mail, in which a man is as secure as in a . . . SAFE COFFIN.

An Iron Coat . . . is an iron coat of mail, whose weight to modern soldiers would be quite AGONIZING

A Thin Coat . . . is a Summer Coat, which keeps a man as cool as if he were . . . CANOPIED

A Zingary Coat . . . is a Coat made in the fashion of that people, who are equally SHOWY and VIOCIOS.

A Suffering Alcides . . . is an old Athlete who sees his strength making with him a final . . . DIVORCE.

A Meek Sheep . . . is one that submits without any resistance to the shepherd's . . . TWEEZERS.

A Holy Whale . . . is the Whale that swallowed Jonah as easily as he would have swallowed a BANANA.

An Ascetic Esther . . . is a pious nun, who scrupulously observes every appointed fast and . . . VIGIL.

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A Holy Olive is the *Olive brought by Noah's Dove, on which was read mankind's* OBITUARY.

A Bordeaux Vine is seldom found in the garden of a miserable PAUPER.

A white Campain is a *country covered with snow, unlike the sunny domain of a* HAPPY PASHA.

An Absolute School is a *school in which boys are prevented by the rod from cutting a* CAPER.

Esteem is a man's noblest possession, provided it be really GENUINE.

A Vapor's & idiotic Esther Vap. Hydriodic Eth. is a *silly capricious woman who would be despised even by a miserable* LARKER.

A Colored Silesian is one of a race of people represented as being very steady and LABORIOUS.

A Colored Inn. is a *Negro tavern, where the traveller can hardly get for dinner even a NARROW GOOSE.*

A Carbonic Gauze is a *thin gauze that covers many a fine form and graceful* DELINEATION.

A Hoaxy China Gauze is a *spurious gauze, which no clerk can sell without committing a* DEAD SIN.

A Monachal Gauze is a *Bishop's surplice, worn by every priest within the altar's* HOLY PALE.

A Hydra in genuine Gauze Hydrogen Gas. is a *scolding wife, who has nothing of woman's loveliness except the* SHAPE.

An Alderman is one who in every city corporation bears one of its most important OFFICES.

An Apple is a *fruit so cheap that a very fine one can be bought for a single* COPPER.

A Bitch is a *domestic animal, that guards the property of her master from* FELONY.

A French Boxer is usually a *poor pugilist, who is always sure to be regularly* BEATEN.

American Cider is a *beverage usually drank by people who live upon rather* LOW WAGES.

American Cedar. is a *tree*

A Cork-screw is seldom used by those who regard the use of wine as UNWORTHY.

A fair Female is a *lady that does not artificially make her face red as a piece of* RAW BEEF.

An O. K. to the heart is a *genuine Loco-foco, who will carry out his principles even to a* TEA-TAX.

Oak,-the heart. is a *tree*

THE PHYSIOLOGY
OF
THE CONJUGAL TIE,*
OR A
STATISTICAL ANALYSIS OF INCIDENTS IN EUROPEAN MARRIED LIFE.

— O —

A jovial English statistician has calculated, after elaborate researches, and a scrupulous examination of authentic documents, that, upon an average of 872,564 marriages, there were to be found—

1. Inconstant wives who ran away from their indifferent husbands,	1,362
2. Husbands who ran away to avoid the bad temper of their wives,	2,361
3. Couples willingly separated, without the interference of the laws,	4,120
4. Couples living in constant war under the same roof,	
	191,023
5. Couples hating each other cordially, but dissimulating their hatred under a feigned politeness,	162,320
6. Couples living in the most <i>eccentric</i> indifference with regard to each other,	510,132
7. Couples reputed to be happy in society, but who do not agree with themselves upon the subject,	1,102
8. Couples happy, comparatively to many others, on account of many contingencies,	35
9. Couples truly happy, in the just sense of the word,	9.

*  The formulas for this table are on the fifth (p. 29) page of the fourth lesson of the course

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO THE.

PHYSIOLOGY OF THE CONJUGAL TIE.

(BY ISOLATED FORMULAS.)

In the PHYSIOLOGY OF THE CONJUGAL TIE, we see many matrimonial speculators, who hold *A vague and unholy share.*

1. *Inconstant wives, who run away from their husbands, very evidently do so without Damage to any.*
2. *Husbands, who have to run away to avoid the bad temper of their wives, are certainly very wise in wishing to be Unmatched.*
3. *Couples who separate willingly, without the interference of the laws, must mutually regard their separation a lucky Riddance.*
4. *Couples who live in constant war under the same roof, are sure to find in each other an Adept house-enemy.*
5. *Couples who hate each other, yet dissimulate their hatred, afford a fine comment on the short-lived joys of Dashy honey-moons.*
6. *Couples who live in the most eccentric indifference, will bear to each other's excellencies a rather Low testimony.*
7. *Couples who are reputed to be happy, but do not themselves agree upon it, cannot give of their attachment a very Doughty sign.*
8. *Couples who are comparatively happy, are those who like in each other's society to Stay home awhile.*
9. *Couples who are happy in the just sense of the word, are those whom true conjugal love renders perpetually Happy.*

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APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
 TO THE
POPULATION OF A FEW CITIES AND DISTANCES FROM WASHINGTON.
 (BY ISOLATED FORMULAS.)

The Washingtonians may justly be proud of the man who was of their city the illustrious **Namer.**—

The New-Yorkers speak about as many languages as did Cleopatra the **Maiden Queen of the Nile.**

The Bostonians, by their love for learning and music, seem determined to make the present age the . . . **Palmy era of harmony.**

*The New-Havener*s think nothing so agreeable as a library whose shelves are well loaded with many **Tomes musty.**

The Portlanders, before the decision of the boundary question, insisted manfully on having **an Outline well run.**

The Providenceans in expelling Gov. Dorr, showed their settled determination to be the **Enemy of any mob-hero.**

Homer flourished, 914

The Baltimoreans, if they wished to migrate to Washington, would not need more than **a Dozen hours to move.**

The Charlestonians are every summer annoyed by fevers arising from some **Unhappy malaria in the air.**

The New-Orleanians, by their yellow fever, are yearly cleared of a crowd of **Odd and asinine dunces.**

The Cincinnatians occupy a location that must eventually make their city **Rich, rare, and big.**

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Plan, by their intestine

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO

THE STATISTICS OF THE UNITED STATES,

ACCORDING TO THE CENSUS OF 1840.

(BY ISOLATED FORMULAS.)

The *population of the U. S.* would not be long in making choice, for
their rulers, between *Dukes and Chief-Judges.*

The *Slaves of the U. S.* do not at their death receive the distin-
guished *Honor of a heavy gaudy tomb.*

The *free colored people* experience great inconveniences from having
on their faces the sombre shade of a *Deep and big cave.*

Persons *employed in Agriculture* always delight in having an oppor-
tunity of *Mowing thick grass.*

Persons *engaged in Commerce* are frequently called upon to cancel an
enormously heavy *Debt of cool cash.*

Persons *engaged in Manufactures and Trades* seldom appear dressed
in a manner as stylish as an *Equipped lord.*

Persons *who live in the most eccentric indifference*, will bear to each
other's excellencies a rather *Low testimony.*

Persons *in the learned professions* look upon a new and interesting
book with no very *Shallow animation.*

Revolutionary and military pensioners are well entitled by their patri-
otic services to receive from their country a *Nice keeping.*

The *insane and idiots* are often incapable of distinguishing the dif-
ference between a king and a *Sooty carman.*

Whites over 20 who are *unable to read or write*, must expect to be as
ignorant through life as *Silly, raw, and apish boys.*

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APPLICATION OF THE SYSTEM TO
HISTORICAL DATES.

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TABLE A.*

Creation of the World,	E. C.	4004
Universal Deluge,	2348
Construction of the Babel Tower,	2247
Covenant made by God with Abraham, . . . . .	.	1921
Death of Abraham, . . . . .	.	1821
Destruction of Sodom and Gomorrah, . . . . .	.	1897
Invention of Letters by the Egyptian Memnon, . . . . .	.	1821
Deluge of Ogyges, . . . . .	.	1764
Chronology of the Arundelian marbles begins, . . . . .	.	1582
Settlement of Attica by Cecrops, . . . . .	.	1556
Deluge of Deucalion, . . . . .	.	1503
Passage of the Red Sea—Israel enters the Desert, . . . . .	.	1491
Council of Amphictyons established, . . . . .	.	1497
Cadmus introduced the Phenician letters into Greece, . . . . .	.	1492
Dardanus founded the city of Troy, . . . . .	.	1480
The Israelites cross the Jordan, and enter the Holy Land, . . . . .	.	1451
Ceres teaches the Athenians the art of Agriculture, . . . . .	.	1383
Institution of the Olympic games, . . . . .	.	1307
Argonautic expedition, . . . . .	.	1263
Destruction of Troy, . . . . .	.	1184
Sampson kills 3000 Philistines with the jaw-bone . . . . .	.	1136
Mariner's compass known in China, . . . . .	.	1115
Dedication of the Temple by Solomon, . . . . .	.	1004
Division of Israel and Judah, . . . . .	.	975
Homer flourished, . . . . .	.	914
Kingdom of Assyria ends, . . . . .	.	900
Laws of Lycurgus, . . . . .	.	884
Foundation of Carthage by Dido, . . . . .	.	869
Foundation of Rome, . . . . .	.	752
Jonas swallowed by the whale, . . . . .	.	807
Rape of the Sabines, . . . . .	.	750
Captivity and dispersion of the Ten Tribes, . . . . .	.	721
Destruction of Holofernes by Judith, . . . . .	.	656
Combat between the Horatii and Curatii, . . . . .	.	667
Pentateuch found by Hilkiah, . . . . .	.	624
Sanguinary Laws of Draco, . . . . .	.	623

* See continuation in Tables B., C., D., and Z.

APPLICATION OF THE SYSTEM TO
HISTORICAL DATES.

—0—
TABLE B.*

First circumnavigation of Africa, under King Necho,	b. c. 604
Laws of Solon,	594
First money coined at Rome,	580
Pisistratus usurps the tyranny of Athens,	560
The Phoceans founded the city of Marseilles,	539
Cyrus takes Babylon,	538
Cyrus puts an end to the First Captivity,	536
First Tragedy at Athens, by Thespis	535
Brutus establishes the Roman Republic,	509
Confucius publishes his Laws,	531
First alliance of the Romans with the Carthaginians,	508
First Dictator at Rome—Laertius,	498
Institution of the Saturnalia, by the Romans,	497
Death of Tarquin the Proud, at Cuma,	495
Establishment of the Roman Tribunes,	492
Banishment of Coriolanus from Rome,	491
Battle of Marathon,—Greeks <i>v.</i> Persians.	490
First Proposition of the Agrarian law, by Cassius,	485
Aristides the Just, banished from Athens,	484
First Quæstors at Rome,	482
Battle of Thermopylæ—Greeks <i>v.</i> Persians,	480
Battle of Salamis—Greeks <i>v.</i> Persians,	480
Battle of Platea—Greeks <i>v.</i> Persians,	479
Flight of Themistocles to Persia,	476
The Romans send an embassy to copy Solon's laws,	454
Creation of the Decemvirs,	451
Banishment of Decemvirs, and death of Virginia,	449
Herodotus reads his history at the Olympian games,	445
The Peloponesian war begins—Thucydides exiled,	431
The Metonic Cycle begins,	432
Alcibiades cuts off the tail of his dog,	420
End of the Peloponesian War—The 30 Tyrants rule Athens,	404
Retreat of the ten thousand,	401
Expulsion of the 30 Tyrants from Athens, by Trasybulus,	401
Death of Socrates,	400
The Gauls, under Brennus, destroy the city of Rome,	390

* See continuation in Tables A., C., D., and Z.

APPLICATION OF THE SYSTEM TO
HISTORICAL DATES

—o—
TABLE C.*

Battle of Leuctra—Beotians <i>v.</i> Lacedemonians,	E. C.	371
First Plebeian Consul at Rome,		367
Battle of Matinea—Beotians <i>v.</i> Lacedemonians,		362
Erection of the Mausoleum—the 6th wonder of the World,		351
Battle of Cheronea.—Philip defeats the Greeks,		337
Plebeians admitted to the Prætorship,		336
Destruction of Thebes, by Alexander,		334
Battle of Granichus,		334
Alexander captures the city of Tyre,		332
Battle of Arbela—Fall of Darius,		331
Alexander penetrates into India,		327
Death of Alexander,		324
The Samnites pass the Romans under their yoke,		321
Battle of Ipsus—Antigonus defeated,		301
Papirius Popinius Cursor erects the first Sun Dial at Rome,		293
Septuagint translation of the Old Testament,		277
Pharos of Alexandria built,		284
College and Library of Alexandria founded,		283
First Punic War,		264
First Naval Conquest of the Romans,		260
Regulus defeated by the Carthaginians,		256
All the records in China destroyed by an Imperial Edict,		247
End of the first Punic War,		242
First Play acted at Rome,		240
The Temple of Janus shut for the first time—since Numa,		235
First Divorce at Rome,		231
Publication of the first Roman History, by Fabius Pictor,		225
First Physician at Rome,		219
Destruction of Saguntum, by Hannibal,		219
Second Punic War,		218
Battle of Thrasymene,		217
Battle of Cannæ,		206
Battle of Zama—Hannibal defeated by Scipio Africanus,		202
End of the second Punic War,		201
Asiatic Luxuries first brought to Rome,		190
Philopemen abolishes the laws of Lycurgus,		188

* See continuation in Tables A., B., D., and Z.

APPLICATION OF THE SYSTEM TO
HISTORICAL DATES.

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TABLE D.*

Banishment of Scipio Africanus, from Rome,	B. C.	187
Invention of Paper in China,		170
Perseus defeated and brought prisoner to Rome,		168
First Library erected at Rome,		167
First edict that banished from Rome Philosoph's and Rhetor'ns		161
Destruction of Carthage, by the Romans,		146
Destruction of Numancia, by Scipio Nassica,		132
The Kingdom of Pergamus is annexed to the Roman republic,		132
Marius defeats and captures Jugurtha,		106
The King of Parthia sends to China a Political embassy,		96
Proscriptions of Marius,		88
Sylla plunders the city of Athens and slaughters its inhabitants,		86
Sylla dictator—his sanguinary proscriptions,		82
Spartacus raises the Servile War,		73
Mithridates vanquished by Lucullus,		69
War of the Pirates—Pompey soon destroys them,		67
Cataline's conspiracy discovered by Cicero,		63
First Triumvirate—between Pompey, Cæsar, and Crassus,		60
Cicero banished from Rome at the instigation of Claudio,		58
Cæsar crosses the Rhine and invades Britain,		55
Crassus vanquished by the Parthians,		53
Cæsar made of Gauls a Roman province,		51
Cæsar proclaimed dictator,		49
Battle of Pharsalia—Cæsar <i>v.</i> Pompey,		48
Cæsar conquers Alexandria—The Ptolemaic Library set on fire,		47
Cato kills himself at Utica,		46
Cæsar dies—murdered by the conspirators,		44
Second Triumvirate—between Octavius, Antony, and Lepidus,		43
Battle of Phillipi—Brutus and Cassius defeated,		42
Battle of Actium—Antony defeated by Octavius		31
Death of Cleopatra and Antony,		30
Second shutting up of the Temple of Janus,		29
Augustus proclaimed Imperator,		27
Ovidius banished by Augustus,		20
Augustus Pontifex Maximus—burns 2000 pontifical books,		13
Birth of Jesus Christ,	A. M.	4004

* See continuation in Tables A., B., C., and Z.

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
 TO
 HISTORICAL DATES.

(BY ISOLATED FORMULAS.)

—0—

At the *Creation of the World*, the “morning stars sang together” joyfully in **Praise of the Sire.**

The *Universal Deluge* fell upon mankind like the sudden and furious attack of a **Haughty enemy rough.**

At the *Construction of the Babel Tower*, the languages of mankind were thrown into a state of **Ruin and anarchy.**

Abraham's covenant with God was an act of which he never had any occasion to **Repent.**

Abraham at his death went gloriously to repose in the bosom of **Divinity.**

The *destruction of Sodom and Gomorrah* did roast the inhabitants alive like a **Rough pig.**

The *invention of letters by the Egyptian Memnon*, may justly be considered as a **Divine idea.**

The *Deluge of Ogyges* was probably the result of some very **Thick shower.**

The *Chronology of the Arundelian marbles* begins at a time when the world was almost constantly the theatre of some **Daily fun.**

The *settlement of Attica by Cecrops* has often been the subject of more than an **Ideal Eulogy.**

The *Deluge of Deucalion* must have been to the inhabitants of Thessaly somewhat **Toilsome.**

At the *passage of the Red Sea*, the armies of Pharaoh met their death in a **Watery bed.**

The *Council of Amphictyons* was established in a country much more temperate than those lying under the **Tropic.**

When *Cadmus introduced the Phœnician letters into Greece*, the people had not yet adopted the use of the **Turban.**

When *Dardanus founded the City of Troy*, there was not on the spot even a **Turf house.**

After crossing the *Jordan under Joshua*, the Israelites entered a land that was by no means one of **Sterility.**

Ceres, in teaching the Athenians the art of agriculture, secured to herself among them a perpetual tribute of **Esteem and Fame.**

The *institution of the Olympic Games* was solemnized with an accompaniment of **Sweet music.**

The *Argonautic expedition* was undertaken for the adventurous purpose of seizing upon a **Hidden gem.**

The *destruction of Troy* was completed by the raging flames of a **Hot wood fire.**

Samson, in killing 1,000 Philistines with the jaw-bone, showed them that they had to deal with a pretty **Stout match.**

The *Mariner's Compass was used in China*, while the nations of Europe were yet worshipping some **Stout idol.**

Solomon dedicated the temple by solemnly invoking the Almighty to become its divine **Possessor.**

The *Division of Judah and Israel under Jeroboam*, raised up between those two kingdoms a very **Big wall.**

Homer flourished at a time when Greece was overflowing with the harmonies of his divine **Poetry.**

The *Kingdom of Assyria came to an end* for having had its foundations laid upon a weak **Basis.**

The *Laws of Lycurgus lasted at Sparta longer than the capricious aches of an intermittent* **Fever.**

The *foundation of Carthage by Dido* must have been to her a very laborious and **Heavy job.**

Jonah, after being swallowed by the whale, had upon him the effect of a powerful **Physic.**

Rome was founded, according to the Roman historians, by a felonious **Colony.**

The *rape of the Sabines* was an event that now-a-days would send its perpetrators to the **Gallows.**

The *Captivity of the Ten Tribes*, showed that the prophets who had predicted it so long beforehand were at least **Keen-eyed.**

The *destruction of Holofernes by Judith*, inspired her Jewish countrymen with no very **Shallow joy.**

The *combat between the Horatii and Curatii*, was not, like a tournament, a mere **Showy Joke.**

The *Pentateuch* was found by *Hilkiah*, in the temple, while the latter was receiving repairs from the hands of a **Joiner.**

The *sanguinary Laws of Draco* treated every trivial offender as if he were a **Huge enemy.**

The *first circumnavigation of Africa*, by order of King *Nechos*, did open to the ancients a **Joyous era.**

The *Laws of Solon* would not likely be suitable to the black colonists of **Liberia.**

The *first money coined at Rome*, was the key that opened the way to many a **Silly vice.**

Pisistratus in usurping the tyranny of Athens soon perceived that a free people cannot be governed with **Lashes.**

The *Phoceans* in aiming to *found the city of Marseilles* were guided by a light brighter than that of a common **Lamp.**

Cyrus in taking Babylon gave proof by his wonderful stratagem in turning the river, that he was not a very **Lame foe.**

Cyrus in putting an end to the first captivity accomplished, without his own knowledge, a **Holy mission.**

The *first tragedy at Athens* was acted by *Thespis* upon a wagon drawn by a **Slow mule.**

Brutus in establishing the Roman republic acted with more energy than could have done a **Lazy boy.**

Confucius in publishing his laws recommended them in his prayer to the attention of the **Almighty.**

The *Romans* soon after their *first alliance with the Carthaginians* saw that they had not to deal with a **Lazy foe.**

The *first Dictator (Laertius) at Rome*, held a power which operated upon the liberties of the people as a constant **Rebuff.**

The *institution of the Saturnalia* was to the *Roman slave-holders* a severe allegorical **Rebuke.**

After the *death of Tarquin the Proud*, his arbitrary laws and regulations all met with a speedy **Repeal.**

The *establishment of the Tribunes* gave rise to a fable which soon enjoyed a reputation almost **European.**

The *banishment of Coriolanus* from Rome was a popular act full of **Acerbity.**

At the *battle of Marathon* many a valiant Greek in the bosom of death went to his final **Repose.**

The *first proposition of the Agrarian Law* (by *Cassius*) met in the *Roman Senate* a terrible **Rival.**

Aristides the Just, being banished from Athens, was compelled to fly away like a miserable - - - - - **Rover.**

The first Quæstors at Rome were endowed by the Republic with a very handsome - - - - - **Revenue.**

At the battle of Thermopylæ Leonidas being summoned to surrender did peremptorily - - - - - **Refuse.**

At the battle of Salamis the Greeks rendered to their country and the world a signal - - - - - **Service.**

At the battle of Platæa each Greek fought for his Gods and his country like a - - - - - **Heroic boy.**

Themistocles, accused of conspiring against the liberties of Greece, flies to Persia for fear of a popular - - - - - **Reaction.**

The Romans in sending an embassy to copy Solon's laws at Athens, rendered a magnanimous homage to the wisdom of that great Ruler.

By the creation of the Decemvirs, the Romans put their liberties into worse hands than those of - - - - - **Royalty.**

The banishment of the Decemvirs, resulted from one of them having been guilty of a disgraceful and - - - - - **Sorry rape.**

Herodotus, after reading his memorable history at the Olympic games, received such honors as historians have gained - - - - - **Rarely.**

The first military Tribunes at Rome, had to attend to a business not altogether - - - - - **Rural.**

The Metonic Cycle is the first astronomical invention that gave to the Lunar motions some order and - - - - - **Harmony.**

At the beginning of the Peloponnesian war, Thucydides, being exiled, retired into the country to live like a - - - - - **Hermit.**

At the end of the Peloponnesian war, at Ægos Potamos, the liberties of Athens were shaved with a terrible - - - - - **Razor.**

Alcibiades cut off the tail of his dog for the mere purpose of diverting the people's - - - - - **Weariness.**

During the retreat of the 10,000, the Greeks did not often sleep upon inlaid beds of - - - - - **Rose-wood.**

At the expulsion of the 30 tyrants from Athens, by Thrasybulus, that hero showed them that his sword was not - - - - - **Rusty.**

The death of Socrates might have been avoided, if his friends had concealed him in the cellar of some dark - - - - - **Recess.**

The Gauls, under Brennus, destroy the city of Rome without giving any notice through a diplomatic - - - - - **Embassy.**

At the battle of Leuctra, the Lacedemonians were treated by the Bœotians with - - - - - **Some acuity.**

The first plebeian Consul at Rome must have thought his elevation due to a power altogether - - - - - Magic.

At the battle of Mantinea, the Bœotians conquered without making use of any exploding - - - - - Machine.

The erection of the Mausoleum did take a great deal more money than it would require to build a modest - - - - - Hamlet.

At the battle of Cheronea, Philip used his dagger more effectually than would have done a theatrical - - - - - Mimic.

When the plebeians were admitted to the Praetorship at Rome, they received, as the patricians, the very - - - - - Same homage.

The destruction of Thebes by Alexander was completed under the fatal blows of the soldier's - - - - - Woesome hammer.

The battle of the Granicus is one of the greatest events recorded in the temple of - - - - - Memory.

After taking the city of Tyre, Alexander winds his way through the desert of Lybia to the - - - - - Home of Ammon.

At the battle of Arbela Darius lost that flourishing empire that was to become the prey of the disciples of - - - - - Mohammed.

Alexander in penetrating into India, did not show, in that action, the whimsical conception of a - - - - - Maniac.

Alexander after conquering the world like a hero died in a fit of drunkenness like a - - - - - Mean war-man.

The Samnites in passing the Romans under their yoke did not treat them with very much - - - - - Humanity.

At the battle of Ipsus Antigonus fell the victim of a premeditated - - - - - Homicide.

Papirius Cursor in erecting the first sun-dial at Rome saw the first Roman hour ever marked by a - - - - - Sun-beam.

The Septuagint translation of the old testament was read by the Jews of Egypt wherever they had a - - - - - Synagogue.

The Pharos of Alexandria when built guided the wandering sailor with the light of a - - - - - New fire.

The College and library of Alexandria when founded, added to the name of Ptolemy, its founder, a - - - - - New fame.

The first Punic War did cause to the Carthaginians a considerable - - - - - Injury.

The first naval conquest of the Romans took place upon the surface of a - - - - - Sinewy and huge Sea.

Regulus defeated by the Carthaginians was soon doomed to suffer a death which never since had its - - - - - Analogy.

All the records in China were destroyed by an imperial edict which plunged the learned world into a state of real **Anarchy.**

At the *end of the first Punic war* the weight of the Roman power fell upon Carthage as a storm of **Snow and rain.**

The *first play acted in Rome* would not probably now-a-days suit the taste of the most common **Nurse.**

The *temple of Janus* being shut for the first time must have appeared to the Romans an incredible **Anomaly.**

The *first divorce at Rome*, however strange it may appear, was not the result of matrimonial **Enmity.**

The *publication of the first Roman History* by Fabius Pictor, was likely marked upon the temple of Janus by a **New nail.**

The *first physician at Rome*, knew probably about as much of the art of curing as a **Windy boy.**

The *destruction of Saguntum* by Hannibal was evidently not effected by the feeble shots of a common **Hand-bow.**

The *second Punic War* was no sooner declared than Hannibal carried it into Italy to the amazement of every **Native.**

The *battle of Thrasymene* gave the Carthaginians an advantage over the Romans, which in the end amounted to **Nothing.**

At the *battle of Cannæ* the Carthaginians made upon the power of Rome a profound **Incision.**

The *battle of Zama* was fought upon an African shore where was never exhibited a **Snowy scene.**

At the *end of the second Punic war* the Carthaginians perceived the necessity of showing tow'ds the Romans a little more **Honesty**

Among the *Asiatic luxuries first brought to Rome from the spoils of Antiochus the Great*, there was most likely a rich oriental **Topaz.**

Philopæmen, in obliging the Lacedemonians to abolish the laws of *Lycurgus*, acted against his country like a **Stiff Foe.**

The *banishment of Scipio Africanus* was a popular act that was not to the interests of the State very **Edifying.**

Before the *invention of paper in China*, the Chinese used to write upon thin boards covered with a coat of **White wax.**

Perseus would never have been defeated and brought prisoner to *Rome* if he had been a somewhat more **Weighty Chief.**

The *first library erected at Rome* soon diffused a great taste for learning and **Teaching.**

The *first edict that banished from Rome the Philosophers and Rhetoricians*, fell upon them like **Hot Shot.**

In the *destruction of Carthage* the Romans at once avenged themselves of many a Punic Outrage.

The *destruction of Numantia* by Scipio Nasica, did deprive the Spaniards of an invaluable Domain.

The *kingdom of Pergamus*, annexed by the Romans to their republic has since been long under the control of the Ottoman.

Marius succeeded in defeating and capturing Jugurtha, by pressing him under the vigorous attack of a Hasty Siege.

The king of Parthia sends to China a political embassy attended with all the splendors of a three tailed Pasha.

The proscriptions of Marius showed plainly to the Romans that they had yet to deal with a Heavy Foe.

Sylla plunders Athens and slaughters the inhabitants with all the ferocity of an unfeeling Savage.

Sylla during his dictatorship did, by his proscriptions, send thousands of Romans to the kingdom of Heaven.

Spartacus in raising the Servile war would have probably succeeded if he had laid more skillfully his Scheme.

Mithridates, being vanquished by Lucullus, kneels at last before Rome, who soon after lays upon his kingdom her Huge Paw.

The war of the pirates occupied Rome and Pompey more seriously than would have done a common Joke.

Catiline's conspiracy being discovered by Cicero, the traitor flees away from Rome to hide elsewhere his Shame.

Under the first Triumvirate the liberties of Rome were for the first time threatened to be reduced into a heap of Ashes.

Cicero being banished from Rome was obliged to fly away in order to preserve his Life.

Cæsar, after crossing the Rhine, invades Britain, where the natives fly away before him most Sillily.

Crassus, vanquished by the Parthians, dies on the field, convinced that the enemy he had to fight was not altogether Lame.

The day that by his arms, Cæsar made of the Gauls a Roman province, was marked by the Romans as a Holyday.

Cæsar, after being proclaimed Dictator, received public homage from all the four quarters of Europe.

At the battle of Pharsalia, the fortune of Cæsar treated his enemies in a manner somewhat Rough.

When Cæsar conquered Alexandria, the celebrated Ptolemaic library was set on fire by some unseen Rogue.

Cato in killing himself at Utica, performed the suicidal act in a paroxysm of - - - - - **Rage.**

Cæsar had scarcely fallen the victim of his enemies, when his friend Antony came forth and pronounced over him a Rare Eulogy.

The second Triumvirate was in reality the grave-yard in which were buried the liberties of - - - - - **Rome.**

At the battle of Philippi the Roman republic was thrown by the indiscretion of Cassius and Brutus, into irrecoverable - - - - - **Ruin.**

At the battle of Actium, Augustus conducted himself very much like a timid - - - - - **House-maid.**

The tragic death of Cleopatra and Antony has often been the theme of many a poetical - - - - - **Muse..**

At the second shutting of the temple of Janus, under Augustus, the God of war could at last take a - - - - - **Nap.**

Augustus was no sooner proclaimed Imperator than he saw the Senate at his feet like a crawling - - - - - **Snake.**

The Roman Pantheon when built by Agrippa, was at once considered to be a piece of architecture altogether - - - - - **Unique.**

Ovidius was banished by Augustus in punishment of his amatory - - - - - **Sins.**

Augustus being Pontifex Maximus, and burning, as he did, 2000 pontifical books, showed that he was endowed with a solid **Wisdom.**

The Christian Era commenced at a time when the whole world was enjoying a - - - - - **Recess of War.**

APPLICATION OF THE SYSTEM TO
ASTRONOMY.

TABLE 1.*

OF THE PLANETARY SYSTEM.
FOR ILLUSTRATION OF PROF. FRANCIS GOURAUD-FAUVEL'S PRINCIPLES OF
PHRENO-MNEMOTECHNY,
OR NATURAL MEMORY ACQUIRED BY ARTIFICIAL PROCESSES.

A	B	I
Names of Planets.	Sym-bols.	Mean distances of planets from the sun, in English miles.
—○—	—○—	—○—
SUN.	○	^a 9 3, 7 2 6, 0 0 0
MERCURY.	☿	3 6, 0 0 0, 0 0 0
VENUS.	♀	6 7, 0 0 0, 0 0 0
EARTH.	⊕	9 3, 7 2 6, 0 0 0
MOON.	☾	^b 2 3 9, 0 0 0
MARS.	♂	1 4 2, 0 0 0, 0 0 0
VESTA.	☿	2 2 2, 0 0 0, 0 0 0
JUNO.	♃	2 4 9, 0 0 0, 0 0 0
CERES.	♂	2 5 9, 0 0 0, 0 0 0
PALLAS.	♄	2 5 0, 0 0 0, 0 0 0
JUPITER.	♅	4 8 7, 0 0 0, 0 0 0
SATURN.	♆	8 9 4, 0 0 0, 0 0 0
URANUS.	♇	1, 7 9 7, 0 0 0, 0 0 0

EXPLANATORY NOTES. COLUMN 1.—^a These distances are based upon parallax 8."78 of Sun (tran. Ven., 1769), Mean diam. of Earth estim. at 3,985 miles.

RATIO OF THE DIAMETER
TO THE CIRCUMFERENCE OF THE CIRCLE, WITH
154 DECIMALS.

3—1 4 1 5 9 2 6
1. 2 3 4 5 6 7 8

* See continuation in Tables 2, 3, 4, 5, 6, 7, 8.

APPLICATION OF THE SYSTEM TO
ASTRONOMY.

TABLE 2.*

2	3	4	5
<i>Mean arithmetical distances, the Earth being 1.</i>	<i>Appearance of Sun's diam. as seen from each planet.</i>	<i>Comparative degree of light and heat in each plan., the Earth being 1.</i>	<i>Mean distances of Planets from the earth.</i>
—0—	—0—	—0—	—0—
1. 0 0 0	3 2. 0 0	1. 0 0 0 0 0	9 3, 7 2 6, 0 0 0
0. 3 8 7	8 2. 3 0	6. 6 8 0 0 0	5 7, 0 0 0, 0 0 0
0. 7 2 3	4 4. 1 5	1. 9 1 0 0 0	2 5, 0 0 0, 0 0 0
1. 0 0 0	3 2. 0 0	1. 0 0 0 0 0	*9 3, 7 2 6, 0 0 0
5 9. 8 8	3 2. 0 0	1. 0 0 0 0 0	2 3 9, 0 0 0
1. 5 2 4	2 1. 0 0	0. 4 3 0 0 0	5 9, 0 0 0, 0 0 0
2. 3 7 3	1 3. 3 0	0. 1 8 0 0 0	1 2 8, 0 0 0, 0 0 0
2. 6 6 7	1 2. 0 0	0. 1 3 0 0 0	1 5 6, 0 0 0, 0 0 0
2. 7 6 7	1 1. 3 0	0. 1 3 0 0 0	1 6 5, 0 0 0, 0 0 0
2. 7 6 8	1 1. 3 0	0. 1 3 0 0 0	1 6 5, 0 0 0, 0 0 0
5. 2 0 3	0 6. 0 0	0. 0 3 7 0 0	3 9 3, 0 0 0, 0 0 0
9. 5 3 9	0 3. 2 0	0. 0 1 1 0 0	7 9 9, 0 0 0, 0 0 0
1 9. 1 8 3	0 1. 4 0	0. 0 0 2 7 6	1, 7 0 4, 0 0 0, 0 0 0

COLUMN 1.—*b* The proportions concerning the moon are all related to the earth, and not to the sun, as the other planets.

5 3 5 8 9 7 9 3 2 3 8 4 6 2 6 4 3 3 8 3 2
9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

* See continuation in Tables 3, 4, 5, 6, 7, 8.—See also table 1.

APPLICATION OF THE SYSTEM TO
ASTRONOMY.

TABLE 3.*

6	7	8
No. of years that would be required to go to each planet, at 20 m. per hour.	Diameters of orbits in English miles.	Circumferences of orbits in English miles.
—0—	—0—	—0—
3 5 4 yrs.	* 3, 5 9 5, 0 0 0, 0 0 0	1 0, 7 8 7, 0 0 0, 0 0 0
3 2 7.	7 2, 0 0 0, 0 0 0	2 1 6, 0 0 0, 0 0 0
1 4 8.	1 3 5, 0 0 0, 0 0 0	4 0 6, 0 0 0, 0 0 0
“ “	1 8 7, 0 0 0, 0 0 0	5 6 2, 0 0 0, 0 0 0
1.	4 7 8, 0 0 0	1, 4 3 4, 0 0 0
3 3 7.	2 8 5, 0 0 0, 0 0 0	8 5 7, 0 0 0, 0 0 0
7 3 4.	4 4 4, 0 0 0, 0 0 0	1, 3 3 4, 0 0 0, 0 0 0
8 9 1.	4 9 9, 0 0 0, 0 0 0	1, 4 9 9, 0 0 0, 0 0 0
9 4 5.	5 1 8, 0 0 0, 0 0 0	1, 5 5 6, 0 0 0, 0 0 0
9 4 5.	5 1 8, 0 0 0, 0 0 0	1, 5 5 6, 0 0 0, 0 0 0
2 2 4 8.	9 7 5, 0 0 0, 0 0 0	2, 9 2 5, 0 0 0, 0 0 0
4 5 6 2.	1, 7 8 8, 0 0 0, 0 0 0	5, 3 6 4, 0 0 0, 0 0 0
9 7 3 0.	3, 5 9 5, 0 0 0, 0 0 0	1 0, 7 8 7, 0 0 0, 0 0 0

COLUMN 2.—c Meaning 59 semi-diameters of the earth.

7 9 5 0 2 8 8 4 1 9 7 1 6 9 3 9 9 3 7 5 1
 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

* See continuation in Tables 4, 5, 6, 7, 8.—See also tables 2 & 1.

APPLICATION OF THE SYSTEM TO
ASTRONOMY.

TABLE 4.*

9	10	11	12	13
Eccentricities of orbits in English miles.	Annual revolutions.	Velocity in miles per sec. in an. revol.	Inclinations on the ecliptic.	Inclinations of axis.
—0—	—0—	—0—	—0—	—0—
“ “ “ “	“ “	“	0 7 ^d , 1 0 ^m .	8 2 ^d , 5 0 ^m .
7, 0-0 0, 0 0 0.	8 8 ^{days} .	3 0	0 7, 0 9.	? ?
0, 4-0 0, 0 0 0.	2 2 4.	2 3	0 3, 2 4.	1 5, 0 0.
0', 6-0 0, 0 0 0.	3 6 5.	1 9	2 3, 2 8.	6 6, 3 2.
1 2, 0 0 0.	2 7.	½	0 5, 0 8.	8 8, 5 0.
1 3, 4-0 0, 0 0 0.	1 ^{yr} , 3 2 1.	1 5	0 1, 5 1.	6 1, 3 3.
2 1, 0-0 0, 0 0 0.	3, 0 6 6.	1 3	0 7, 0 8.	? ?
6 3, 5-0 0, 0 0 0.	4, 1 2 8.	1 2	1 3, 0 3.	? ?
2 0, 5-0 0, 0 0 0.	4, 2 2 0.	1 1	1 0, 3 7.	? ?
6 4, 5-0 0, 0 0 0.	4, 2 2 1.	1 1	3 4, 3 7.	? ?
2 3, 8-0 0, 0 0 0.	1 1, 3 1 5.	0 8	0 1, 1 8.	8 9, 4 5.
4 9, 0-0 0, 0 0 0.	2 9, 1 6 1.	0 6	0 2, 2 9.	6 0, 0 0.
8 5, 0-0 0, 0 0 0.	8 4, 0 2 9.	0 4	0 0, 4 6.	? ?

COLUMN 15.—*d* Meaning the planets with their satellites, exclusive of comets.

0	5	8	2	0	9	7	4	9	4	4	5	9	2	3	0	7	8	1	6	4
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71

* See continuation in Tables 5, 6, 7, 8.—See also tables 3, 2, & 1.

APPLICATION OF THE SYSTEM TO
ASTRONOMY.

TABLE 5.*

14	15	16	17
<i>Diurnal revolutions.</i>	<i>Number of satellites.</i>	<i>Diameters in English miles.</i>	<i>Mean arithmetic diameter, the Earth being 1.</i>
—0—	—0—	—0—	—0—
2 5 ^d , 2 1 ^h , 0 0 ^m .	2 9	8 7 6, 1 4 2.	1 0 9. 9 3
2 4, 1 5.	?	3 1 0 8.	0. 3 9
2 3, 2 1.	?	7 7 4 0.	0. 9 7
2 3, 5 6.	1	7 9 7 0.	1. 0 0
2 9, 1 2, 4 4.	"	2 1 5 1.	0. 2 7
2 4, 5 9.	?	4 4 6 3.	0. 5 6
?	?	0 2 7 0.	?
?	?	1 4 2 5.	?
?	?	1 6 2 4.	?
?	?	2 0 9 9.	?
0 9, 5 6.	4	9 2, 1 3 3.	1 1. 5 6
1 0, 2 9.	7	7 6, 5 9 1.	0 9. 6 1
?	?	3 3, 9 5 2.	0 4. 2 6

COLUMN 20.—*e* The first line indicates the square miles of all the *solid surface* of the earth. The second line indicates the square miles of the *whole surface*.

0 6 2 S 6 2 0 8 9 9 8 6 2 S 0 3 4 S 2 5 3
72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92

* See continuation in Tables 6, 7, 8.—See also tables 5, 4, 3, 2, & 1.

APPLICATION OF THE SYSTEM TO
ASTRONOMY.

TABLE 6.*

18	19	20
<i>Circumferences in English miles.</i>	<i>Volumes, that of the Earth being 1.</i>	<i>Surface of each planet in square miles.</i>
—o—	—o—	—o—
2, 6 2 8, 4-0 0	1 3 2 8 4 6 0. 0 0	2, 3 0 2, 8 7 5, 0 0 0, 0 0 0.
9, 4-0 0	0. 1 0	2 8, 0 0 0, 0 0 0.
2 3, 2-0 0	0. 9 0	1 7 9, 0 0 0, 0 0 0.
2 3, 9-0 0	1. 0 0	1 3 7 6, 0 0 0, 0 0 0.
6, 4-0 0	0. $\frac{1}{49}$	1 3, 0 0 0, 0 0 0.
1 3, 3-0 0	0. 2 0	5 9, 0 0 0, 0 0 0.
0, 8-0 0	? . ?	0, 2 1 8, 0 0 0.
4, 2-0 0	? . ?	6, 0 0 0, 0 0 0.
4, 8-0 0	? . ?	7, 0 0 0, 0 0 0.
6, 2-0 0	? . ?	1 3, 0 0 0, 0 0 0.
2 7 6, 3-0 0	1 4 7 0. 0 0	5 2, 4 6 5, 0 0 0, 0 0 0.
2 2 9, 7-0 0	8 8 7. 0 0	1 7, 5 9 8, 0 0 0, 0 0 0.
1 0 1, 8-0 0	7 7. 0 0	3, 4 5 8, 0 0 0, 0 0 0.

COLUMN 21.—*f* The *first line* indicates the actual population of the earth. The *second line* indicates the population that the earth may contain in future, at the rate stated in the title.

4 2 1 1 7 0 6 7 9 8 2 1 4 8 0 8 6 5 1 3 2
93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113

* See continuation in Tables 7, 8.—See also tables 5, 4, 3, 2, & 1.

APPLICATION OF THE SYSTEM TO
ASTRONOMY.

TABLE 7.*

21

Possible population of each planet, at the rate of 277 per square mile, that of England being taken as a standard.

—0—
6 3 8, 0 3 4, 5 5 8, 0 0 0, 0 0 0.
8, 0 3 0, 0 0 0, 0 0 0.
4 9, 8 0 5, 0 0 0, 0 0 0.
5 1 0, 4 0 9, 0 0 0, 0 0 0.
3, 8 4 8, 0 0 0, 0 0 0.
1 6, 5 5 7, 0 0 0, 0 0 0.
6 0, 0 0 0, 0 0 0.
1, 6 8 7, 0 0 0, 0 0 0.
2, 1 9 2, 0 0 0, 0 0 0.
3, 6 6 2, 0 0 0, 0 0 0.
7, 0 5 5, 4 9 3, 0 0 0, 0 0 0.
4, 8 7 5, 9 4 1, 0 0 0, 0 0 0.
9 5 8, 1 4 4, 0 0 0, 0 0 0.

22

Masses, that of the Earth
being 1

—0—
3 3 7 0 8 6. 0 0
0. 1 6
0. 9 4
1. 0 0
0. 0 1
0. 1 3
? ?
? ?
? ?
? ?
3 1 5. 8 9
1 2 0. 0 7
1 7. 2 8

23

Densities, that
of the Earth
being 1.

—0—
0. 2 3
2. 8 7
1. 0 4
1. 0 0
0. 7 1
0. 9 3
? ?
? ?
? ?
? ?
0. 2 4
0. 0 9
0. 0 2

COLUMN 25.—*g* Meaning the *horizontal* parallax, or the angle under which the semi-diameter of the earth is seen in the sun, according to the transit-observations of 1769.

S 2 3 0 6 6 4 7 0 9 3 8 4 4 6 0 9 5 5 0 5
114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134

* See continuation in Table 8.—See also tables 6, 5, 4, 3, 2, & 1.

APPLICATION OF THE SYSTEM TO
ASTRONOMY.

TABLE 8.*

24	25	26	27
<i>Comparative densities with substances.</i>	<i>Greatest elongation of inferior, and parallax of superior planets.</i>	<i>Fall of bodies on each planet in the first sec.</i>	<i>Time in which each planet would fall into the sun if suddenly deprived of its centrifugal force.</i>
—0—	—0—	—0—	—0—
^h Bla'k copal	^g 0 8''. 7 8.	4 2 9 ^{ft.}	" "
Cast lead	2 8 ^{deg.} , 2 0 ^{m.}	1 2 ^{ft.}	1 5 ^{days.}
Molybdœna	4 7 ^{deg.} , 4 8 ^{m.}	1 8 ^{ft.}	3 9
Heavy spar	^g 0 8''. 7 8.	1 6 ^{ft.}	6 4
Cast antimony	5 7 ^{min.} , 3 4 ^{s.}	0 3 ^{ft.}	0 4
Flint glass	4 7 ^{deg.} , 2 4 ^{m.}	?	1 2 1
?	?	?	2 0 5
?	?	?	3 5 4
?	?	?	2 9 7
?	?	?	3 0 1
Mulberry-tree	1 1 ^{deg.} , 5 1 ^{m.}	4 2	7 6 5
Poplar-tree	0 6 ^{deg.} , 2 9 ^{m.}	1 5	1 9 0 1
Beach-tree	0 3 ^{deg.} , 0 4 ^{m.}	0 4	5 4 2 5

COLUMN 24.—^h These elements are according to Woodhouse

S	2	2	3	1	7	2	5	3	5	9	4	0	8	1	2	8	4	8	0	2
135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155

THE GOLDEN KEY
TO THE
KINGDOM OF THE UNIVERSE.

*Elements of the Planets.**Correlatives.*

1. MEAN DISTANCES OF PLANETS FROM THE SUN,	• Hierarchy.
2. MEAN DISTANCE, THE EARTH'S DISTANCE BEING 1,	• Means of Existence.
3. SUN'S APPARENT DIAMETER, AS SEEN FROM EACH PL.,	• External Appearance.
4. DEGREE OF LIGHT & HEAT, THAT AT THE EARTH B'G 1,	• Hot Luminary.
5. MEAN DISTANCE OF PLANETS FROM THE EARTH,	• Earthly Relationship.
6. YEARS REQUIRED TO GO TO EACH PL. AT. 20 M. PR. HR.,	• Traveling vehicle.
7. DIAMETERS OF ORBITS IN ENGLISH MILES,	• Itinerary Measure.
8. CIRCUMFERENCES OF ORBITS, " "	• Orbicular Hoop.
9. ECCENTRICITIES OF ORBITS " "	• Eccentric Fashion.
10. ANNUAL REVOLUTIONS,	• Annual Evolutions.
11. VELOCITY IN ANNUAL REV. IN MILES PER SECOND,	• Animal Velocity.
12. INCLINATION OF ORBIT TO THE ECLIPTIC,	• Propensity.
13. INCLINATION OF AXIS TO THE PLANE OF ORBIT,	• Inclined Accessory.
14. TIME OF DIURNAL REVOLUTION,	• Dayly Occupation.
15. NUMBER OF SATELLITES,	• Servants.
16. DIAMETER OF PLANETS IN ENGLISH MILES,	• Common Measure.
17. MEAN DIAMETER, THAT OF THE EARTH BEING 1,	• Scientific Measure.
18. CIRCUMFERENCES OF PLANETS IN ENGLISH MILES,	• Corporal Rotundity.
19. VOLUMES, THAT OF THE EARTH BEING 1,	• Book.
20. SURFACE OF PLANETS IN SQUARE MILES,	• Square Map.
21. POSSIBLE POP. AT RATE OF ENGL. 277 PER SQ. MILE,	• Tenants.
22. MASSES, THAT OF THE EARTH BEING 1,	• Mask, or Feature.
23. DENSITIES, THAT OF THE EARTH BEING 1,	• Favorite Dance.
24. COMPARATIVE DENSITIES WITH SUBSTANCES,	• Parallel Substance.
25. GREATEST ELONG. OF INFER. AND PARALLAX OF SUPER. PL.	
26. FALL OF BODIES ON EACH PL. IN FIRST SECOND OF TIME,	• Falling Weight.
27. DAYS EACH PL. W'D FALL TO THE SUN IF DEPRIVED, &c.	• Planetary Character.

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BIOGRAPHICAL SKETCH OF

VENUS.

SYMBOLICAL CHARACTER, ♀.

EMBLEMATICAL CHARACTER, *Love*.

VENUS, one of the most celebrated deities of Paganism, was worshipped by the ancients as the Goddess of gallantry and beauty, the mother of love, the queen of laughter, the mistress of graces and pleasures, and the patroness of courtezans. She was born from the foam of the sea, near the island of Cyprus, after the mutilated part of the body of Uranus had been thrown there by Saturn (*vid. Sat.*). Just as she sprung from the deep, the seasons and the zephyrs wafted her ashore in all her glories, and proclaimed her irresistible sovereignty over mankind. Soon after, she was triumphantly carried to heaven, when all the gods, bewitched by her innumerable charms, suddenly fell in love with her, and all the goddesses became jealous of her seducing beauty. Jupiter gave her in marriage to his ugly and deformed son Vulcan, the god of fire and patron of black-smiths. She soon after began to have a number of intrigues with almost all the gods, and subsequently even with mortals. But her intrigues with Mars were the most celebrated of all. (*vid. Mars*). Her great partiality for Adonis, a Cyprian prince of a divine beauty, caused her to abandon the seat of Olympus, to follow him everywhere on earth; and her tender regards for Anchises, the father of Æneas, obliged her often to visit the dense forests and the solitary retreats of Mount Ida. The power of Venus over the heart was supported and increased by a celebrated girdle, called *zone* by the Greeks, and *cestus* by the Latins. This mysterious girdle gave grace, beauty, and elegance when worn even by the most deformed of her sex. It infallibly excited love, and rekindled extinguished flames.

Juno herself was obliged once to borrow it of her to secure the favors of Jupiter in certain critical circumstances when her natural charms did not suffice. It was also by its irresistible power that Vulcan several times forgot all the intrigues and infidelities of his frivolous wife, even so far as to consent, at her own solicitation, to fabricate some of his invulnerable armor for her illegitimate children, Æneas, among others. In the celebrated contest of Venus, Pallas, and Juno, for the golden apple of discord (*see note x*), which was to be the prize of beauty upon the judgment of Paris, she gained it over her rivals. The worship of Venus was universally established, and temples and statues were erected to her in every kingdom of antiquity. But her most celebrated temples were at Cyprus, Cythera, Cnidos, Amathonta, Lesbos, and Paphos; her most renowned statue was the famous Venus of Praxiteles, and a painting of her by Apelles was considered to be the masterpiece of that immortal painter. She is generally represented with her son Cupid on a chariot drawn by Doves, or, at other times, by Swans or Sparrows, birds which were all sacred to her. Among the flowers sacred to her were the rose and the myrtle; and among fishes, those called *aphya* and *lycostomus*. In her sacrifices, and in all the festivals celebrated in her honor, an excessive licentiousness prevailed, and public prostitution was often a part of the ceremony; and the number of gallant adventures put down on her tablets by the poets of antiquity, would largely suffice to compose a rich crown to many a Lais, a Roxana, or an Aspasia.

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO THE

PHRENO-MNEMOTECHNIC BIOGRAPHY OF THE PLANET

VENUS.

♀

—○—

IN the **Hierarchy** of the gods VENUS presides over *love*. She used to procure her **Means of Existence** by *protecting lovers*. Her **External Appearance** was that of a *lovely courtezan*. In her nocturnal excursions she used a **Hot-luminary** as warm and bright as *Hydrogen gas*, which she had procured from an **Earthly Relation**, to whom she was like a *sister*. The **Traveling-Vehicle** in which she used to ride was a *post-chaise*. The **Itinerary Measure** with which she computed her distances was an *inch*; and this vehicle had for wheels an **Orbicular Hoop**, the circumference of which was exactly that of an *ear-ring*. She used to dress herself in the most **Eccentric Fashion**, wearing exclusively a *dressing-gown*. Her annual evolutions were for the *distribution of valentines*. When running, her **Animal Velocity** never exceeded that of a *grey-hound*, and her most predominant **Propensity** was a decided taste for *coquetry*. The ancients gave her for her **Inclined Accessory**, or emblematical distinction, a *mysterious girdle*. Her dayly occupation consisted in nothing but *gallant adventures*. She had for confidential **Servant**, a *frivolous lover*; and the **Common Measure** with which she used to distribute her favors to him was *the cup of love*; but her **Scientific Measure** was merely a *zero with a cross under*, ♀. Her **Corporal Rotundity** might be compared to the size of a *nutmeg*. Her **Book** of predilection was the *codex of love*. In her numerous travels she had for geographical references a square map of about the size of a *written love declaration*. The **Tenants** of her numerous temples were, of course, all *inconstant lovers*. During the **Saturnalia** she usually assumed a **Mask** or **Feature** expressing with great fidelity a *voluptuous look*; and in all the ball-rooms she then visited, her **Favourite Dance** was always the *Cachucha*. The alimentary **Parallel-Substance** which she liked the best was a kind of *molybdæna marmalade*, of which she would take every day a regular quantity measured with her **Falling Weight**, which was about equal to a *scruple*. Finally, her **Planetary Character**, has always been, and will always be, that of *gallantry*.

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APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
TO THE ELEMENTS OF THE PLANET
VENUS.

(By Defining Formulas and CORRELATIVE ANALOGIES.)

	Correlatives.	Equivalents.	
1	HIERARCHY.	<i>Presides over love.</i>	An affection that finds place in the bosom of a king as well as of a Jockey. —
2	MEANS OF EXISTENCE.	<i>By protecting lovers.</i>	A profession that would not compel her now-a-days to live on a very Wise economy.
3	EXT'NAL APPEARANCE.	<i>A lovely courtezan.</i>	A kind of appearance which caused her to be worshipped by the ancients as a Rare Idol.
4	HOT-LUMINARY.	<i>Hydrogen gas.</i>	A luminary with whose brilliancy we might compare the sparkling effusions of a Witty poet.
5	EARTHLY RELATIONSHIP.	<i>A Sister.</i>	Whose love for a sister is never more intense than when one or the other is Unwell. —
6	TRAVELING VEHICLE.	<i>A post-chaise.</i>	A vehicle which often imposes on the pocket of a gallant lover a very heavy Tariff.
7	ITINERARY MEASURE.	<i>An inch.</i>	A measure that is often used by sawyers for measuring boards in a Wood-mill. —
8	ORECULAR HOOP.	<i>An ear-ring.</i>	A jewel which, for adorning the ears of a pretty woman, is infinitely better than a Horse-shoe. —
9	ECCENTRIC FASHION.	<i>A dressing-gown.</i>	A loose robe, which, though less elegant than a lady's fashionable dress, is decidedly Easier. —
10	ANNUAL EVOLUT'N.	<i>Distribution of valentines.</i>	Love-tokens, which she distributes every where once a year, ex'pt am'g the inmates of a Nunnery.
11	ANIMAL VELOCITY.	<i>A grey-hound.</i>	An animal that must be considered by rabbits and foxes as their most inveterate Enemy.
12	PROPENSITY.	<i>Coquetry.</i>	A propensity always carefully combatted in every well-regulated female Seminary.
13	INCLINED ACCES-SORY.	<i>A mysterious girdle.</i>	An ornament whose magic power could have almost smitten with love a bronze Idol.
14	DAYLY OCCUPAT'N.	<i>Gallant adventures.</i>	Exploits in which her tender heart did never show a particle of Inhumanity.
15	SERVANT.	<i>A frivolous lover.</i>	An individual whose doubtful existence remains up to this day (Unascertained.)
16	COMMON MEASURE.	<i>The cup of love.</i>	A cup which is never intemperately drank by a modest Quakeress.
17	SCIENTIFIC MEA-SURE.	<i>A zero with a cross under. ♀</i>	A measure which, in form and size, bears considerable resemblance to a House-bug.
18	CORPORAL ROTUN-DITY.	<i>A nutmeg.</i>	A perfumed spice, the flavor of which is quite as sweet as that of a perfumed Anemony. —
19	BOOK.	<i>The Codex of love.</i>	A book which undoubtedly contains many precepts tolerably Spicy.
20	SQUARE MAP.	<i>A written love-declaration.</i>	A map often made by lovers betw'n the smoke of a cigar and the hot steam of a Tea-cup. —
21	TENANTS.	<i>Inconstant lovers.</i>	Individuals who often terminate their vicious career with a Rope or fusil. —
22	MASK OR FEAT'RE.	<i>A voluptuous look.</i>	A look by which she has pierced many a heart with Cupid's sharp-pointed Spear.
23	FAVORITE DANCE.	<i>The Cachucha.</i>	A dance too lively to be well performed by a sleepy and stupid Dozer.
24	{ PARALLEL SUB-STAN-CI- 25 } STANCE.	<i>Molybdæna.</i>	An aliment which would appear to the palate of mortals quite too Rocky and rough.
26	FALLING WEIGHT.	<i>A scruple.</i>	A weight, which, small as it is, has weighed a vast deal of apothecary Stuff.
27	PLANETARY CHAR-ACTER.	<i>Gallantry.</i>	A character which is rarely exhibited among the common Mob.

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BIOGRAPHICAL SKETCH OF SATURN.

SYMBOLICAL REPRESENTATIVE, ♄
EMBLEMATICAL CHARACTER, *Fugitiveness.*

SATURN was the son of Cælus and Terra, and was worshiped as the God of time, over which he presided. He was naturally cruel. Upon the insinuation of his mother, he revenged himself of his father by preventing him forever from increasing the number of his children. After this, Saturn obtained his father's kingdom, by the consent of his eldest brother, Titan, on condition that he should not bring up any male children. Pursuant to his agreement he devoured his sons as soon as born, until he was deceived by his wife Rhea, who caused him to swallow three stones instead of Jupiter, Neptune, and Pluto, whom she gave secretly to the Corybantes who took care of them. Titan being informed of this deception, declared war against Saturn, defeated him, and imprisoned him, together with Rhea. Soon after, he was delivered by his son Jupiter, who replaced him upon his throne. Saturn, unmindful of his son's kindness, conspired against him; but Jupiter banished him from heaven. He then fled to Italy, where the country retained the name of *Latium*, as being the place of his concealment (*lateo*). Janus, who was at that time king of Italy, received him with marks of attention, and made him his associate on the throne. The banished king of heaven employed himself in civilizing the barbarous manners of the savage people of Italy, and in teaching them agriculture, with the useful and liberal arts. His reign there was so mild and popular, so

benificent and virtuous, that mankind have called it the *golden age*, to indicate the happiness and tranquillity which the earth then enjoyed. However, the inconstancy so characteristic of the God of time, did not permit him to remain so steady for a long time; he soon after left Janus and went about traveling over the world without intermission. At Carthage human victims were offered to him, which were burnt alive in a furnace. The Romans instituted in honor of him, and in commemoration of the golden age, festivals named *Saturnalia*, which were of great renown in antiquity. One of his temples at Rome was appropriated for the public treasury. Saturn is generally represented as an old man, bent through age and infirmity. He holds a scythe in his hand, with a circular serpent biting his own tail, which is an emblem of time, and of the perpetual revolution of the year. He has also a winged hour-glass, and he is often represented on the surface of a globe running with rapidity, or flying with two broad wings, his only ornamental dress. On his statues were generally hung fetters, in commemoration of the chains he had worn when imprisoned by Titan. From this circumstance all slaves that obtained their liberty generally dedicated their fetters to him, and during the *Saturnalia* the fetters were all taken from the statue, in commemoration of the days of the golden age.

APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System

TO THE

PHRENO-MNEMOTECHNIC BIOGRAPHY OF THE PLANET

S A T U R N.

b

—o—

IN the Hierarchy of the gods SATURN presides over time. He used to procure his Means of Existence by regulating chronometers. His External Appearance was that of *an old traveller*. In his nocturnal excursions he used a Hot-luminary as warm and bright as a Reflector, which he had procured from an Earthly Relation, to whom he was like *an uncle*. The Traveling-Vehicle in which he used to ride was *an omnibus*. The Itinerary Measure with which he computed his distances was *a fur long*; and this vehicle had for wheels an Orbicular Hoop, the circumference of which was exactly that of *a wine-tub*. He used to dress himself in the most Eccentric Fashion, wearing exclusively *a pair of wings*. His Annual Evolutions were for *universal destruction*. When running, his Animal Velocity never exceeded that of *a camel*, and his most predominant Propensity was a decided taste for *inconstancy*. The ancients gave him for his Inclined Accessory, or emblematical distinction, a *scythe*. His Dayly Occupation consisted in nothing but the *Distribution of time*. He had for confidential Servant, *a traveller*, and the Common Measure with which he used to distribute his favors was *an hour glass*; but his Scientific Measure was merely a kind of *h : b*. His Corporal Rotundity might be compared to the size of *an apple*. His Book of predilection was *the book of destiny*. In his numerous travels he had for geographical references a Square Map of about the size of *an almanac*. The Tenants of his numerous temples were, of course, all *travellers*. During the Saturnalia he usually assumed a Mask or Feature expressing with great fidelity *a savage look*; and in all the ball-rooms he then visited, his Favourite Dance was always *the Zapateo*. The alimentary Parallel-Substance which he liked the best was a kind of *poplar marmalade*, of which he would take every day a regular quantity, measured with his Falling Weight, which was about equal to *a quintal*. Finally, his Planetary Character, has always been, and will always be, that of *fugitiveness*.

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APPLICATION OF

Prof. Fr's. Fauvel-Gouraud's Phreno-Mnemotechnic System
TO THE ELEMENTS OF THE PLANET
SATURN.

(By Defining Formulas and CORRELATIVE ANALOGIES.)

Correlatives.		Equivalents.	
1	HIERARCHY.	<i>Presides over time.</i>	A Deity which is symbolically represented by a peripheric Viper.
2	MEANS OF EXISTENCE.	<i>Regulating Chronometers.</i>	An occupation which would give him now-a-days business enough to make him soon very Plump.
3	EXT'NAL APPEARANCE.	<i>An Old Traveller.</i>	A kind of appearance which must give him with the wandering Jew a remarkable . . . Sameness.
4	HOT-LUMINARY.	<i>A Reflector.</i>	A luminary so brilliant by itself that it seldom requires to be by other light Assisted.
5	EARTHLY RELATIONSHIP.	<i>An Uncle.</i>	An uncle of gastronomic habits, would often treat his nephews and nieces with a . . . Squab-pie.
6	TRAVELING VEHICLE.	<i>An Omnibus.</i>	A vehicle which is far from being so light or so swift as an inhabitant of the . . . Aerial Ocean.
7	ITINERARY MEASURE.	<i>A Furlong.</i>	A measure which is not longer than many a barren spot on a Wasting field.
8	OREICULAR HOOP.	<i>A Wine-tub.</i>	A utensil as useless to temperance societies as is to a rich drawing-room a Lame chair.
9	ECCENTRIC FASION.	<i>A Pair of wings.</i>	An appendage with which birds could not easily fly through the flaming regions of Erebus.
10	ANNUAL EVOLUT'N.	<i>Universal destruction.</i>	An occupation which he carried on in so relentless a manner that there was No pity showed.
11	ANIMAL VELOCITY.	<i>A Camel.</i>	An animal the flesh of which would be rather too hard for making a good Sausage.
12	PROPENSITY.	<i>Inconstancy.</i>	A propensity which he has so strongly that it must often prevent him from taking a Sunny nap.
13	INCLINED ACCES-SORY.	<i>A Scythe.</i>	An instrument with which he mows every day millions of lives without making any Choice.
14	DAYLY OCCUPAT'N.	<i>Distribut'n of time.</i>	A business in which he gives to men several hours in every twenty-four for taking a Dozy nap.
15	SERVANT.	<i>A Traveller.</i>	An individual who generally carries his whole travelling baggage in a small Sack.
16	COMMON MEASURE.	<i>An Hour-glass.</i>	An instrument which runs as methodically as the cold rhymes of . . . a Weak and chilly poet.
17	SCIENTIFIC MEA-SURE.	<i>A kind of h. b.</i>	A measure which has some resemblance to a foot trav'lr carry'g upon his back an Easy budget.
18	CORPORAL ROTUN-DITY.	<i>An Apple.</i>	A fruit which is equally agreeab'le to the palate of a Nun or a Pig.
19	BOOK.	<i>The Book of des-tiny.</i>	A book as obscure to mortal eyes as a star seen through a Heavy fog.
20	SQUARE MAP.	<i>An Almanac.</i>	A map which people consult for finding out when there will be a Thick hail above.
21	TEENANTS.	<i>Travellers.</i>	Individuals who sometimes meet in their numerous travels with a Roving leopard.
22	MASK OR FEAT'RE.	<i>A Savage look.</i>	A kind of feature which has certainly very little resemblance to an Adonis sick.
23	FAVORITE DANCE.	<i>The Zapateo.</i>	A dance which is oftener practised by a Spanish gypsey than by a Swiss boy.
24	PARALLEL-SUB-STAN-CIE.	<i>Poplar tree.</i>	An ailment which would not be to a mortal as agreeable as a Saggy honey-pie,
25	FALLING WEIGHT.	<i>A Quintal.</i>	A weight which is used by wholesale merchants almost Dally.
26	PLANETARY CHAR-ACTER.	<i>Fugitiveness.</i>	A character which he did always maintain after being by Jupiter Deposed.

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NOMENCLATURE TABLE, NO. 2,
 OR THE DERIVED TABLE OF
PERSONAGES.

—O—

1	TIE.	<i>Gordian.</i>	51	CHAIN.	<i>Columbus.</i>
2	NAME.	<i>Adam.</i>	52	PHRENO-MNEM'.	<i>Fauvel-Gouraud.</i>
3	MOUNT.	<i>Atlas.</i>	53	MT. TEX'RFE.	<i>Bethencourt.</i>
4	ROOF.	<i>Asmodeus.</i>	54	STEEPLE.	<i>B'n Munchausen.</i>
5	LIFE.	<i>Nature.</i>	55	ETERNITY.	<i>Jehovah.</i>
6	JEWEL.	<i>Cornelia.</i>	56	SPY-GLASS.	<i>Galileo.</i>
7	GAME.	<i>Iphitus.</i>	57	CHESS-PLAY.	<i>Sysla.</i>
8	FIRE.	<i>Vulcan.</i>	58	FLAME.	<i>Satan.</i>
9	WEAPON.	<i>Mars.</i>	59	ARROW.	<i>Wm. Tell.</i>
10	DRUM.	<i>John Ziscar.</i>	60	WHISTLE.	<i>Pan.</i>
11	GORDIAN TIE.	<i>Alexander.</i>	61	PROMISE.	<i>Demetrius Dozon</i>
12	STINGINESS.	<i>Vespasian.</i>	62	GIFTS.	<i>Pandora.</i>
13	MT. AUBURN.	<i>Spurzheim.</i>	63	MT. PARNASSUS.	<i>Apollo.</i>
14	TOMB.	<i>Mausolus.</i>	64	LOG-CABIN.	<i>Harrison, Pres.</i>
15	IMPRISONMENT.	<i>Baron Trenck.</i>	65	CHARITY.	<i>Belisarius.</i>
16	GIRDLE.	<i>Venus.</i>	66	KNIT-PURSE.	<i>Plutus.</i>
17	WHIST.	<i>Hoyle.</i>	67	CHECKERS.	<i>Brahma.</i>
18	OVEN.	<i>Daniel.</i>	68	STRAW-FIRE.	<i>Ceres.</i>
19	TROJAN HORSE.	<i>Ulysses.</i>	69	PEN-KNIFE.	<i>Rogers.</i>
20	BUGLE.	<i>Dufresne.</i>	70	CANONNADE.	<i>Napoleon.</i>
21	GARTER.	<i>Edward III.</i>	71	OATH.	<i>The Horatii.</i>
22	DAGUERREOT'PE.	<i>Daguerre.</i>	72	AMERICA.	<i>Vespucci.</i>
23	MT. JORULLO.	<i>Humboldt.</i>	73	BUNKER HILL.	<i>Gen. Warren.</i>
24	N. Y. EXCH'NGE.	<i>Mercury.</i>	74	ROM. CAPIT'L.	<i>Romulus.</i>
25	WEDDING.	<i>Hymen.</i>	75	CONQUEST.	<i>Nimrod.</i>
26	GOLD PENCIL.	<i>Morgan.</i>	76	CROWN.	<i>Archimedes.</i>
27	BOWLING.	<i>Mrs. Colton.</i>	77	LOTTERY.	<i>Card. Mazarin.</i>
28	HYDROGEN-GAS.	<i>Cavendish.</i>	78	CONFLAG'TION.	<i>Erostratus.</i>
29	COLT'S BAT'RY.	<i>Colt.</i>	79	PAIXHAN GUN.	<i>Gen. Paixhan.</i>
30	FIDDLE.	<i>Paganini.</i>	80	PIANO.	<i>Falberg.</i>
31	GARLAND.	<i>Flora.</i>	81	FRIENDSHIP.	<i>Orestes.</i>
32	SPORT.	<i>Comus.</i>	82	EMPEROR.	<i>Augustus.</i>
33	MT. IDA.	<i>Paris.</i>	83	CHIMBORAZO.	<i>Bolivar.</i>
34	BALL-ROOM.	<i>Terpsichore.</i>	84	FANEUIL HALL	<i>Faneuil.</i>
35	THE STAGE.	<i>Tesphys.</i>	85	PROFESSORSHIP.	<i>Plato.</i>
36	NECKLACE.	<i>Alcmeon.</i>	86	DIAMOND.	<i>The Gt. Mogul.</i>
37	BILLIARD.	<i>Bacatcher.</i>	87	FENCING.	<i>Don Quixotte.</i>
38	BON-FIRE.	<i>Liberty.</i>	88	DAVY'S SF'Y LAMP	<i>Davy.</i>
39	CONGREVE RK'T.	<i>W'm. Congreve.</i>	89	SWORD.	<i>St. Michael.</i>
40	TABOR.	<i>Cybele.</i>	90	ORGAN.	<i>Calif Aroun.</i>
41	CRAVAT.	<i>Brummel.</i>	91	COMMUNION.	<i>Jesus Christ.</i>
42	BALL.	<i>Sisyphus.</i>	92	GOSPEL.	<i>St. Luke.</i>
43	MT. VESUVIUS.	<i>Pliny.</i>	93	MT. SINAI.	<i>Moses.</i>
44	CUPOLA.	<i>Michael Angelo.</i>	94	TEMPLE.	<i>Solomon.</i>
45	OBESITY.	<i>Falstaff.</i>	95	PRIESTHOOD.	<i>Aaron.</i>
46	POK'T-WATCH.	<i>Robert Hook.</i>	96	AGNUS DEI.	<i>St. John.</i>
47	ROULETTE.	<i>Benazet.</i>	97	DICE.	<i>Matthias.</i>
48	FIRE-WORKS.	<i>Emp. Fo-hi.</i>	98	HOLOCOAST.	<i>Abraham.</i>
49	SHIELD.	<i>Achilles.</i>	99	EXCOM'CATION.	<i>Pope Gregory VII</i>
50	THUNDER.	<i>Jupiter.</i>	100	A HAND-RED.	<i>Henry VIII.</i>

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EXPLANATORY NOTES FOR TABLE II,

OR

THE TABLE OF PERSONAGES.

1—The Phrygian king, whose celebrated tie or knot was cut off by Alexander.

2—"And the Lord God having formed out of the ground all the beasts of the earth, brought them to Adam that he should give a name to each of them." Gen. ch. xi. 5. "And Adam called all the beasts by their names, and all the fowls of the air, and all the cattle of the field." Gen. v. 20.

3—A giant, son of Jupiter and Climenia, who was metamorphosed by Perseus into the Algerian mountain, which bears his name.

4—The celebrated hero of Le Sage's novel entitled, 'The Devil upon two sticks,' Asmodeus 'walks by night upon the roofs of Madrid, looks into the houses, and reports all he sees.' &c.

5—Life is the true essence of nature. Nothing is annihilated. Whatever *dies* it is to be revivified.

6—The virtuous mother of the Gracchi, "on being shown by a senator's wife all the jewels she possessed, worth several million asses, Cornelia was asked to show hers in return. Whereupon calling forth her two sons, Caius and Tiberius, afterwards so renowned, and presenting them to the Lady, 'here are' said she, 'my only and my most precious jewels.'" (Plut. Vit. Grac.)

7—Iphitus was the restorer of the Olympic Games, in 775 B. C., a circumstance which makes his name well adapted to the substantive—*game*.

8—The god of fire. Some will probably prefer Chabert, the celebrated Fire-king. But they would have also to change the equivalent of the table No. 3 for a worse one.

9—There could not be a more suitable personage for the substantive weapon than the God of war and armies.

10—The exactness of this definition is so obvious that it needs no explanation.

11—The empire of Asia had been promised, by an Oracle, to the person who should be successful enough to untie the celebrated Gor-

dian knot or tie. Alexander, perceiving the impossibility of succeeding with the fingers, interpreted the Oracle with his sword: he cut the knot and received the empire of Asia.

12—This Emperor, though the father of the great Titus, was a personified specimen of stinginess: he placed a public tax even upon Ur . . . Titus complaining upon the incongruity of such an impartial tax: Vespasian took a piece of gold—Do you smell anything about that piece of money? No. Well, it was produced from that very tax, replied the Emperor. (Crev. Hist. of Emp.)

13—The remains of Spurzheim are buried in Mt. Auburn; his tomb is in the most prominent situation. He is the most celebrated among the Mt. Auburn inmates—therefore no better name can be chosen for the personage of this number.

14—King of Caria. After his death Artemisia, his wife, built for him a tomb of such magnificence that it was made one of the seven wonders of the world under the name of Mausoleum, from whence the same name is now given to any funeral monument of great splendor and magnificence.

15—A celebrated victim of King Frederick of Prussia, who was confined 30 years in prison to satisfy the revengeful feelings of his royal persecutor.

16—Homer says that Venus had a girdle in which were enclosed the graces, the desires, and all charms. Juno borrowed it of her once, that she might be loved by Jupiter, who was becoming rather cool toward her.

17—The well known historian of all the *noble* games, but whose best treatise is the one on the game of whist. (Information received from a friend, said to be well acquainted with the subject.)

18—The Bible says, in English, that Daniel was thrown into a fiery furnace, but the Latin word signifies oven. A furnace may be of any dimension: but an oven is always small, and can be shut up tightly—a furnace, such as

we understand it, cannot be shut up like an oven—then, &c. (Sec Ains. Latin Dict.)

19—"Seeing that the Greeks could not enter Troy by force, Ulysses had recourse to a stratagem. He built a wooden horse *tightly closed*—he put a squadron of soldiers into it, and the horse was *taken* by the Trojans, who drew it in triumph into Troy. In the silence of the night the soldiers came out of the wooden horse—opened the city to the Greeks—and the kingdom was no more.

20—The bugle is one of the most modern wind instruments.

21—The founder of the royal order of "The Garter." The marchioness was in the King's presence, one of her garters drop'd on the floor, and Edward, observing some of his courtiers to smile, exclaimed, "Honi soit qui mal y pense," "evil be to him who evil thinks;" and in commemoration of this event he instituted the order of the Garter.

22—The inventor of the wonderful art of Photography now so popular, and which I had the honor of introducing into this country in 1840.

23—To any person at all acquainted with scientific literature, this name will appear most happily adopted; De Humboldt being the first traveler who gave notoriety to Monte Jorullo.

24—The New York Exchange may be considered as the focus of American Commerce. Mercury being also the god of Commerce, then, etc.

25—Will the reader believe that there is any mistake about this personage? Hymen presides over marriage—but is Cupid present at all weddings?

26—The celebrated English lead-pencil maker, well known by every one who uses this indispensable article.

27—The notorious *Lady* lately implicated in the murder of the unfortunate CORLIES, who kept the eccentric N. Y. Bowling Saloon for ladies, in Leonard street. I don't think there can be a better phrenotechnic subject for this number, unless the student should prefer Corlies himself.

28—The celebrated philosopher who first investigated the properties of Hydrogen gas, who showed how to prepare it, who determined its sensible qualities, ascertained its specific gravity, examined its combustibility, and discovered that, when burnt, it unites with half its volume of oxygen gas, and that the product is water.

29—An able armourer of New York, whose new projectile is known to every body under the name of Colt's Sub-marine Battery.

30—Needing no explanation.

31—The goddess of flowers and of the spring. She is represented generally crowned with garlands, or in the act of making them.

32—A divinity whose function was to preside over the most *recherche* and fashionable sports—he was represented holding a festive light, and crowned with flowers.

33—Not only is this name well adapted, as Mount Ida was the celebrated spot selected by Paris to decide upon the famous apple between Venus, Juno, and Minerva, but also as it was the spot where Paris was brought up, and where he resided.

34—The muse of dancing.

35—Thespis is considered as the real founder of what is called the stage; being the first individual who played before the public theatrical performances.

36—Alcmeon of Amphiaraus, who was persecuted by the Furies and the ghost of his mother, whom he had killed at the instigation of his father, because she had revealed the place where he lay concealed to escape from going to the siege of Thebes. He was betrayed by his wife Euripyle for a celebrated necklace, which Alcmeon inherited, and which plays so great a part in his history.

37—A famous billiard player in Havana.—However, the student will do better to substitute the best billiard player he may know.

38—The bonfires are made here by boys on the 4th of July. In France it is on the 24th of June. In England on the 5th of November. In Spain it was once reserved to the Holy Inquisition, when there were a few obstinate souls to despatch *ex officio* to the other world.

39—The inventor of those terrible rockets which bear his name.

40—The tabor is the instrument with which the priests of Cybele were accustomed to play in their ceremonies.

41—A popular type of the *chevalier d'industrie* in France, who is represented with an enormous cravat. The student may substitute any person he may know wearing a ridiculously large cravat.

42—A piratical son of *Æolus*, who was killed by

Perseus, and punished for his crimes by being sent to Tartarus, where he was doomed to roll to the top of a high hill an immense ball made of stone, which, continually falling upon him, rolled him down again and again.

43—It was in the famous eruption of the Vesuvius which buried the cities of Herculaneum and Pompeii, that the elder Pliny perished, covered with the lava, during his observation of the phenomena.

44—The most gigantic and majestic cupola in existence is that of St. Peter's church at Rome. The immortal Michael Angelo constructed it.

45—The well known hero of the Merry Wives of Windsor, of Shakspeare. Who does not know that prince of obesity? Who has not admired and cheered him under the *shape* of a gentlemanly and celebrated friend of ours by the renowned name of Hackett? For Falstaff and Hackett are one,—*Sicut Natura, Natura est.*

46—The inventor: an English Philosophical instrument maker of great celebrity.

47—A celebrated roulette gambler in Europe, who keeps the privileged gambling-house at the fashionable and aristocratic mineral-spring baths of Baden, in Germany.

48—Confucius pretends, in his annals of China, that fireworks were used, in the celestial empire, as early as the reign of Fo-hi.

49—The most celebrated shield in classical record, is that of Achilles, so brilliantly described by Homer in the first book of his Iliad, and which was made by Vulcan himself.

50—This number needs no comment.

51—Who can forget that Columbus was brought in chains to the Court of Madrid, after he had given a world to his ungrateful sovereign?

52—If the student can find a better phrenotechnic equivalent, let him blot this one out.

53—The discoverer of the Canary Island in 1405—the first man therefore who saw the Peak of Tenerife.

54—A personage known, I suppose, by every English or American reader. “Traveling thro’ a snowy country, he saw the top of a pole on the ground, to which he tied his horse, and wrapping himself up in his great-coat, he fell asleep. The weather became warm—the snow silently melted during the night, and when the Baron awoke in the morning he saw his horse hanging by the bridle behind the steeple of a church, the weathercock-pole of which he had taken for a road mile-pole.” (Baron Munchausen.)

55—No comment needed here.

56—Galileo must be considered as the real inventor of the spy-glass, as the instrument properly so called is constructed upon the same principle of Galileo's first telescope. Kepler was the individual who invented the one now in use.

57—The inventor of Chess—for the justification of this adaptation, see my programme.

58—“And was precipitated headlong into eternal pain and *Flames*, there to dwell in adamantine chains, he who durst defy the Omnipotent in arms.” (Milton Parad. Lost, Introd.)

59—It is known by every body that it was on account of his celebrated skill on that *weapon* that the liberty of Switzerland originated. (See Mod. Hist.)

60—Pan is considered as the inventor of the whistle. Before the invention of his pipes he used to whistle the tunes with which he made the nymphs and satyrs dance in the shady groves of Thessaly. It is from the fatigue he experienced in these musical exercises, that he thought of inventing the pipes which are his principal attributes. (Ovid.)

61—A king of Macedon, who received the nickname Dozon, a Greek word, which signifies *promise*. “Demetrius Dozon used to promise continually, but never fulfilled a promise, nor did he ever intend to,” &c. (Rol. An Hist.)

62—Was a statue made by Vulcan, which he afterwards animated. Each God conferred upon her the *gift* of a perfection in order to render her thoroughly accomplished in every thing. And she it was who afterwards *gifted* mankind with all the known woes, by opening the celebrated box, (Pandora's box,) at the bottom of which hope alone remained. (See Mythology.)

63—President of the Muses, whose residence was on the top of Mt. Parnassus.

64—The late lamented President of the United States,—so well personified by a Log Cabin.

65—Many other names may answer to this number. But the classical and popular history of Belisarius blind and Bages, will be more present to the mind, I believe, than any other that might be chosen by the student.

66—The god of wealth. He is generally repre-

sented with a bandage upon his eyes and a purse in his hands.

67—The Hindoos believe that the game of checkers is as ancient among them as Brahma among their gods. It is of Hindostanee invention.

68—The goddess of Agriculture. Without her auspices there would be no straw. She is represented as holding a sheaf of straw. So she is well entitled to be the personage of straw.

69—His renowned penknives are known and universally appreciated by every man who uses a pen.

70—Needing no comment.

71—The most celebrated oath in history was that taken by the three brothers Horatii. They swore that they would return conquerors of the Curiatii, or be brought back lifeless upon their shields, and fortune crowned their oaths with success: Rome won the victory. (Rollin's Roman History.)

72—The Genoese Ameritus Vespucci, from whose name America is derived, to the detriment of the great Columbus.

73—General Putnam was the hero, but the death of Gen. Warren renders Bunker Hill more connected with his name in the minds of those acquainted with the history of that battle.

74—The Roman Capitol was dedicated to Jupiter Capitolinus, the King of the Gods, who had a Colossal statue within the temple, surrounded by many statues of the major gods of Rome.

75—The great hunter, and the first conqueror mentioned in ancient history. (See Biog. Nimrod.)

76—The most celebrated crown in history is that of Hiero, king of Syracuse, which caused Archimedes to discover the law by which the specific gravities of bodies are ascertained. The history of that crown is too well known to need further detail.

77—The Cardinal Mazarin, was he who introduced first the lotteries into public notice in France. From thence it passed into England, and soon after spread over this country.

78—The celebrated incendiary, who caused the great conflagration of the memorable wonder of the world—The temple of Diana at Ephesus.

79—The French General, who invented the terrible projectile known under his name in England as well as France.

80—The celebrated piano-player of the age.

81—Orcetes and Pylades will always be the best emblem of friendly affection, notwithstanding Castor and Pollux, or the Carthaginian brothers Philene.

82—Augustus is the first monarch who bore the title of Imperator as a distinction of sovereignty, although the title was in use before him, but applied only to designate a general.

83—Chimborazo is the most majestic mountain in the world. It is in the Republic of Columbia; Bolivar is the hero of Columbia. What better name could be found to this number?

84—The celebrated landlord of that renowned building, too well known to the American public, to need any other notice.

85—Plato is the founder of the first school of Philosophy known in the history of Professorship, under the name of the Academy. Therefore his name is the leading one in this instance.

86—This Asiatic potentate is said to possess the largest of known diamonds. It is as big as a turkey's egg, of a very slight yellowish hue, but not yet cut. It is valued at several millions of pounds sterling. Therefore the great Mogul is deservedly the personage of diamonds.

87—It is known by every common reader that the mere love of *fencing* armed the immortal Don Quixote, and that his love of fencing was so great, that when he could find nobody to fence with, he would fence even with a windmill.

88—The great English Chemist. He and his safety lamp are too well known to need comment.

89—The most remarkable sword, known to every Christian reader, is unquestionably that of the Archangel St. Michael.

90—Needing no comment.

91—“And he took bread, and gave thanks, and brake it, and gave them saying: This is my body, which is given for you: this do in remembrance of me.” Luke xxii. 19. “Likewise also the cup after supper saying: This cup is the new testament in my blood, which is shed for you.” (Do. do.)

92—I select St. Luke as the most classical of the Evangelists.

93—This number needs no comment.

94—None can remember the Temple of Jerusalem without remembering Solomon, who completed it and dedicated it to Jehovah 1004 B. C (See Prog.)

95—The brother of Moses. The first high-priest of the Jewish people, and therefore an excellent prototype for this number.

96—In the Catholic processions there is always a little child dressed in white sheep-skin, who represents St. John, who is therefore the symbol of an Agnus dei.

97—The disciples in filling their number—made vacant by the death of the traitor Judas—cast lots, "And the lot fell on Matthias."

98—Who does not remember the holocaust of Abraham; about offering his only son Isaac to God; and the angel arresting his knife at the moment he was going to strike off Isaac's head?

99—No pope, no clergyman whatever, used so much this once terrible weapon.

100—Needing no comment, to those conversant with English history.

NOMENCLATURE TABLE, NO. 3,
 OR THE DERIVED TABLE OF
PEOPLE.

—O—

1	TIE.	Sailors.	51	CHAIN.	Felons.
2	NAME.	God-fathers.	52	PHRENO-MNEM'.	Mnemotechnists.
3	MOUNT.	Highlanders.	53	MT. TEN'RFE.	Portugese.
4	ROOF.	Shinglers.	54	STEEPLE.	Bell-ringers.
5	LIFE.	Procreators.	55	ETERNITY.	Immortals.
6	JEWEL.	Jewelers.	56	SPY-GLASS.	Opticians.
7	GAME.	Gamblers.	57	CHESS-PLAY.	Tactitians.
8	FIRE.	Engineers.	58	FLAME.	Devils.
9	WEAPON.	Warriors.	59	ARROW.	Parthians.
10	DRUM.	Drummers.	60	WHISTLE.	Whistlers.
11	GORDIAN TIE.	Phrygians.	61	PROMISE.	Contractors.
12	STINGINESS.	Misers.	62	GIFTS.	Fairies.
13	Mt. AUBURN.	Bostonians.	63	MT. PARNASSUS.	Poets.
14	TOMB.	Dead bodies	64	LOG-CABIN.	Whigs.
15	IMPRISONMENT.	Convicts.	65	CHARITY.	Beggars.
16	GIRDLE.	Ladies.	66	KNIT-PURSE.	Knitters.
17	WHIST.	Loafers.	67	CHECKERS.	Hindoos.
18	OVEN.	Bakers.	68	STRAW-FIRE.	Farmers.
19	TROJAN HORSE.	Greeks.	69	PEN-KNIFE.	Cutlers.
20	BUGLE.	Buglers.	70	CANNONADE.	Gunners.
21	GARTER.	Knights of Gar'r	71	OATH.	Magistrates.
22	DAGUERREOT'PE.	Photographists.	72	AMERICA.	Americans.
23	Mt. JORULLO.	Mexicans.	73	BUNKER HILL.	Charlestownians.
24	N. Y. EXCH'NGE.	Merchants.	74	ROM. CAPIT'L.	Romans.
25	WEDDING.	Brides.	75	CONQUEST.	Conquerors.
26	GOLD PENCIL.	Stationers.	76	CROWN.	Sovereigns.
27	BOWLING.	New-Yorkers.	77	LOTTERY.	Italians.
28	HYDROGEN-GAS.	Chemists.	78	CONFLAG'TION.	Incendiaries.
29	COLT'S BAT'RY.	Destroyers.	79	PAIXHAN'S GUN.	Artillerymen.
30	FIDDLE.	Fiddlers	80	PIANO.	Pianists.
31	GARLAND.	Florists.	81	FRIENDSHIP.	Quakers.
32	SPORT.	Hunters.	82	EMPEROR.	Princes.
33	Mt. IDA.	Trojans.	83	CHIMBORAZO.	Colombians.
34	BALL-ROOM.	Dancers.	84	FANEUIL HALL	Politicians.
35	THE STAGE.	Actors.	85	PROFESSORSHIP.	Professors.
36	NECKLACE.	Coquettes.	86	DIAMOND.	Jewelers.
37	BILLIARD.	Havaneers.	87	FENCING.	Duelists.
38	BON-FIRE.	Yankee boys.	88	DAVY'S SF'Y LAMP	Miners.
39	CONGREVE RK'T.	Besiegers.	89	SWORD.	Officers.
40	TABOR.	Corybantes.	90	ORGAN.	Organists.
41	CRAVAT.	Croatians.	91	COMMUNION.	Christians.
42	BALL.	Turners.	92	GOSPEL.	Evangelists.
43	Mt. VESUVIUS.	Napolitans.	93	MT. SINAI.	Israelites.
44	CUPOLA.	Architects.	94	TEMPLE.	Pontiffs
45	OBESITY.	Chinese.	95	PRIESTHOOD.	Priests.
46	POK'T-WATCH.	Watch makers.	96	AGNUS DEI.	Nuns.
47	ROULETTE.	Gamblers.	97	DICE.	Spaniards.
48	FIRE-WORKS.	Pyrotechnists.	98	HOLOCAUST.	Sacrificers.
49	SHIELD.	Anct. Soldiers.	99	EXCOM'CATION.	Popes.
50	THUNDER.	Cyclops.	100	HAND-RED.	Butchers.

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NOMENCLATURE TABLE, No. 4,

OR THE DERIVED TABLE OF

T H I N G S.

1	TIE.	Firmness.	51	CHAIN.	Iron.
2	NAME.	Distinction.	52	PHRENO-MNEM'.	Memory.
3	MOUNT.	Loftiness.	53	MT. TEN'RFE.	Elevation.
4	ROOF.	Shingles.	54	STEEPLE.	Bells.
5	LIFE.	Animation.	55	ETERNITY.	Beatitude.
6	JEWEL.	Ornament.	56	SPY-GLASS.	Lenses.
7	GAME.	Hope.	57	CHESS-PLAY.	Patience.
8	FIRE.	Heat.	58	FLAME.	Combustibility.
9	WEAPON.	Wounds.	59	ARROW.	Quiver.
10	DRUM.	Noise.	60	WHISTLE.	Acute sound.
11	GORDIAN TIE.	Oracle.	61	PROMISE.	Intention.
12	STINGINESS.	<i>Love of money.</i>	62	GIFTS.	Liberality.
13	MT. AUBURN.	Funerals.	63	MT. PARNASSUS.	Poetry.
14	TOMB.	Dead bodies.	64	LOG-CABIN.	Logs.
15	IMPRISONMENT.	Punishment.	65	CHARITY.	Poverty.
16	GIRDLE.	Buckler.	66	KNIT-PURSE.	Knitting-needles.
17	WHIST.	Play cards.	67	CHECKERS.	Checker board.
18	OVEN.	Bricks.	68	STRAW-FIRE.	Quills.
19	TROJAN HORSE.	Stratagem.	69	PEN-KNIFE.	Straws.
20	BUGLE.	Brass.	70	CANNONADE.	Destruction.
21	GARTER.	Stocking.	71	OATH.	Testimony.
22	DAGUERREOT'PE.	<i>Camera obscura.</i>	72	AMERICA.	Liberty.
23	MT. JORULLO.	Volcano.	73	BUNKER HILL.	Bunker H. Mon.
24	N. Y. EXCH'NGE.	Commerce.	74	ROM. CAPIT'L.	Roman gods.
25	WEDDING.	<i>Honey moon.</i>	75	CONQUEST.	Ambition.
26	GOLD PENCIL.	Lcad.	76	CROWN.	Sovereignty.
27	BOWLING.	Bowling green.	77	LOTTERY.	Premiums.
28	HYDROGEN-GAS.	Balloons.	78	CONFLAG'TION.	Fire-engines.
29	COLT'S BAT'RY.	Explosion.	79	PAIXHAN GUN.	Explod'g bullets.
30	FIDDLE.	Fiddle stick.	80	PIANO.	Ivory Keys.
31	GARLAND.	Flowers.	81	FRIENDSHIP.	Disinteres'd love.
32	SPORT.	Pleasure.	82	EMPEROR.	Sceptre.
33	MT. IDA.	Judg'nt of Paris.	83	CHIMBORAZO.	Perpetual snow.
34	BALL-ROOM.	Dancing.	84	FANEUIL HALL	Political meet'g.
35	THE STAGE.	Comedies.	85	PROFESSORSHIP.	Science.
36	NECKLACE.	Precious stones.	86	DIAMOND.	Brilliancy.
37	BILLIARD.	Ivory balls.	87	FENCING.	Foils.
38	BON-FIRE.	4th of July.	88	DAVY'S SF'Y LAMP	Coal mines.
39	CONGREVE Rk'T.	Gun powder.	89	SWORD.	Steel.
40	TABOR.	Rattles.	90	ORGAN.	Sacred music.
41	CRAVAT.	Silk.	91	COMMUNION.	Congregation.
42	BALL.	Rotundity.	92	GOSPEL.	Holiness.
43	MT. VESUVIUS.	Eruptions.	93	MT. SINAI.	Decalogue.
44	CUPOLA.	Weathercocks.	94	TEMPLE.	Prayers.
45	OBESITY.	Grease.	95	PRIESTHOOD.	Preaching.
46	POK'T-WATCH.	Time.	96	AGNUS DEI.	Piety.
47	ROULETTE.	Rotary motion.	97	DICE.	Ivory.
48	FIRE-WORKS.	Colored fires.	98	HOLOCAUST.	Sacrifices.
49	SHIELD.	Preservation.	99	EXCOM'CATION.	Anathema.
50	THUNDER.	Electricity.	100	HAND-RED.	Bloodshed.

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